

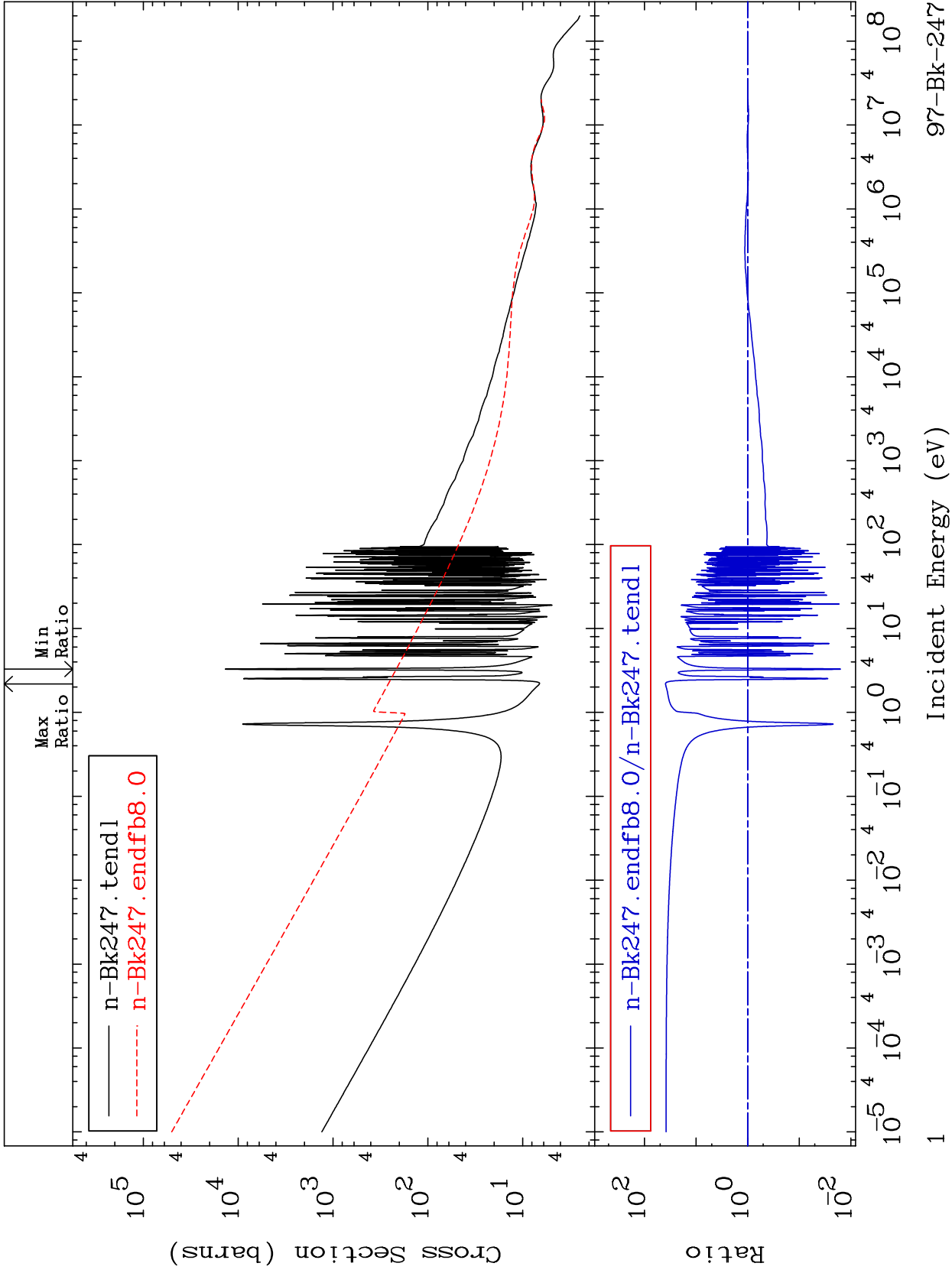
MAT 9746

Total

97-Bk-247

Cross Section

-98.42 To 3825. %



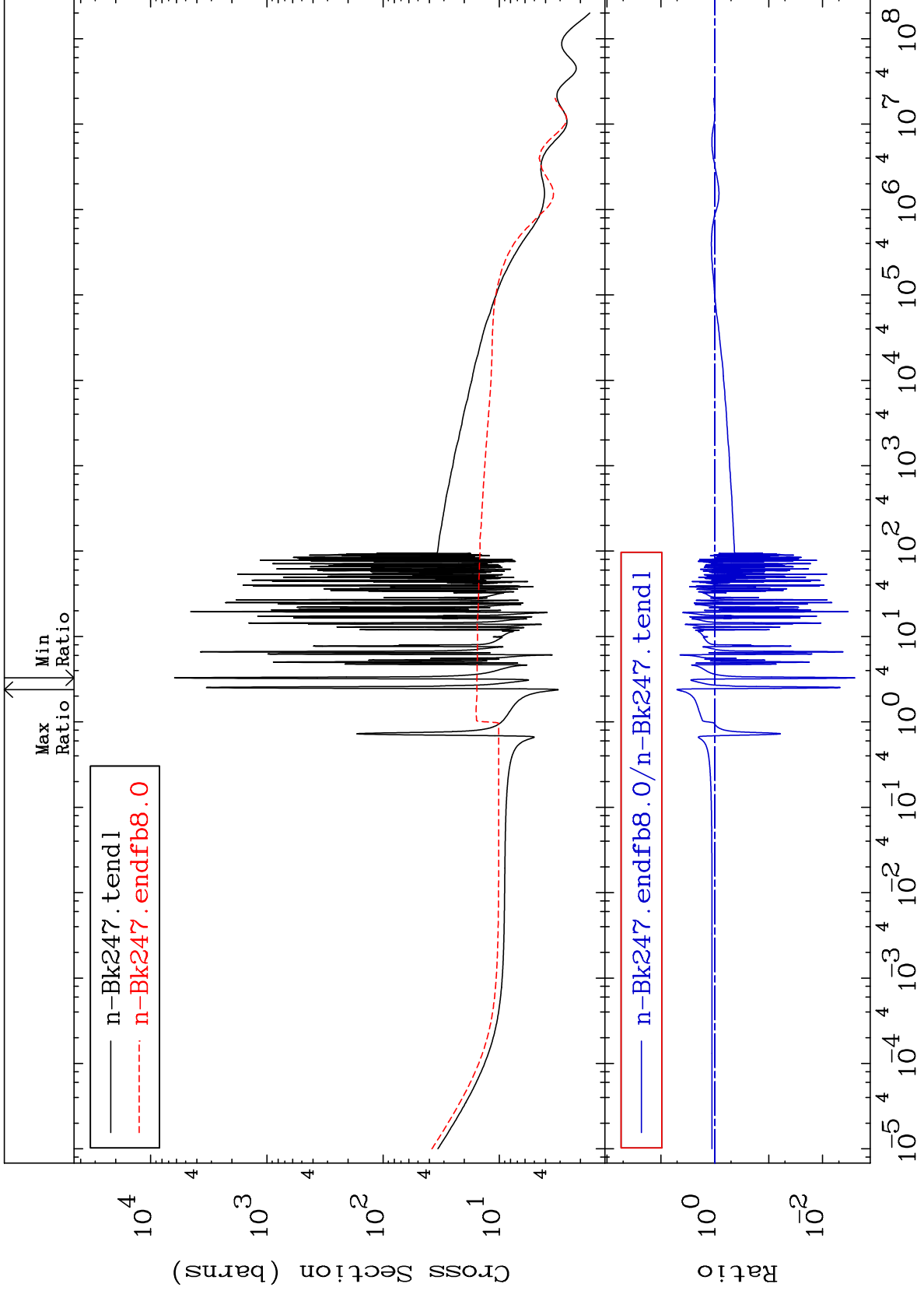
MAT 9746

Elastic

97-Bk-247

Cross Section

-99.75 To 403.8 %



2

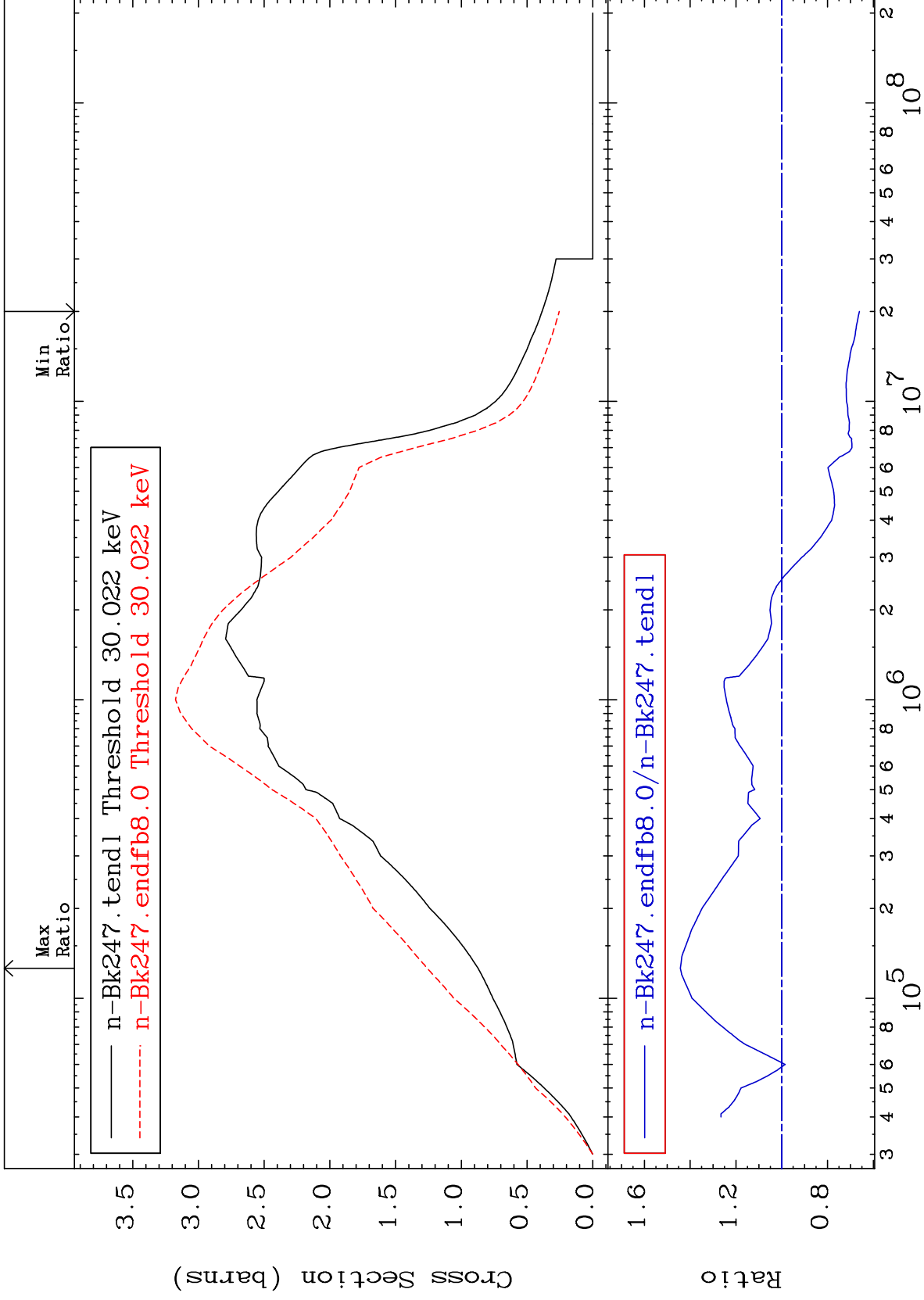
Incident Energy (eV)

97-Bk-247

MAT 9746

Inelastic
Cross Section

97-Bk-247
-33.93 To 44.29 %



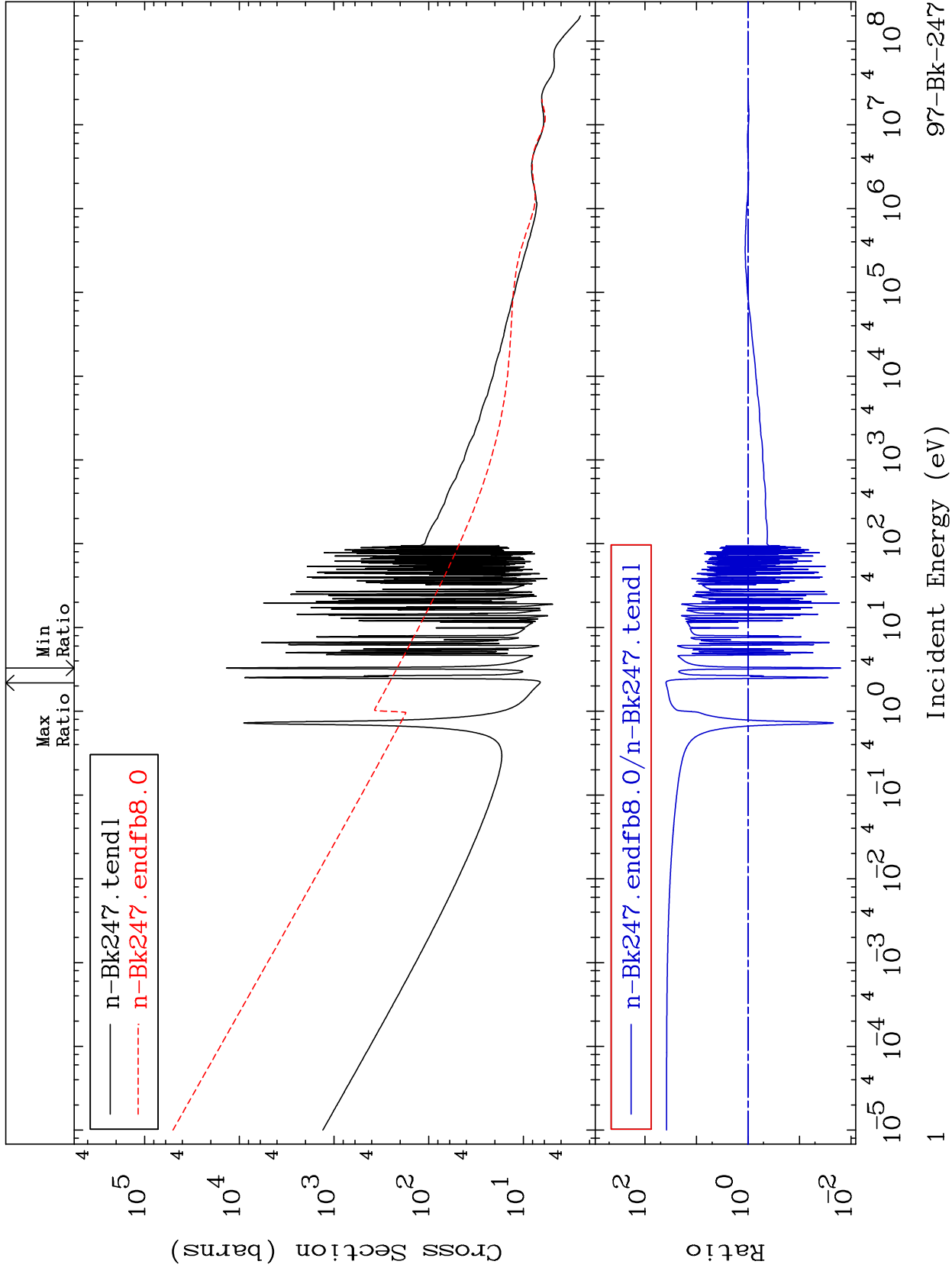
MAT 9746

Total

97-Bk-247

Cross Section

-98.42 To 3825. %



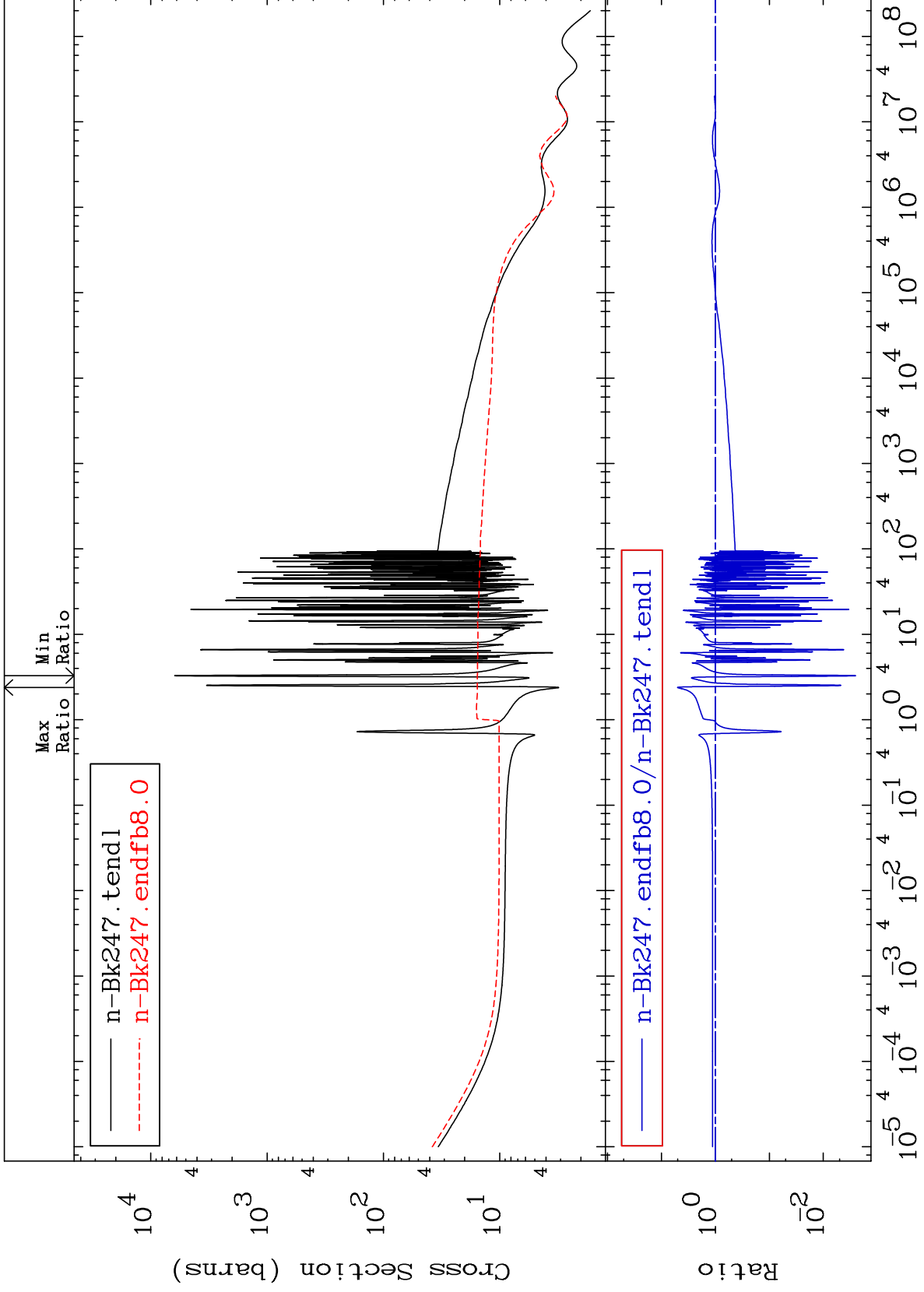
MAT 9746

Elastic

97-Bk-247

Cross Section

-99.75 To 403.8 %



2

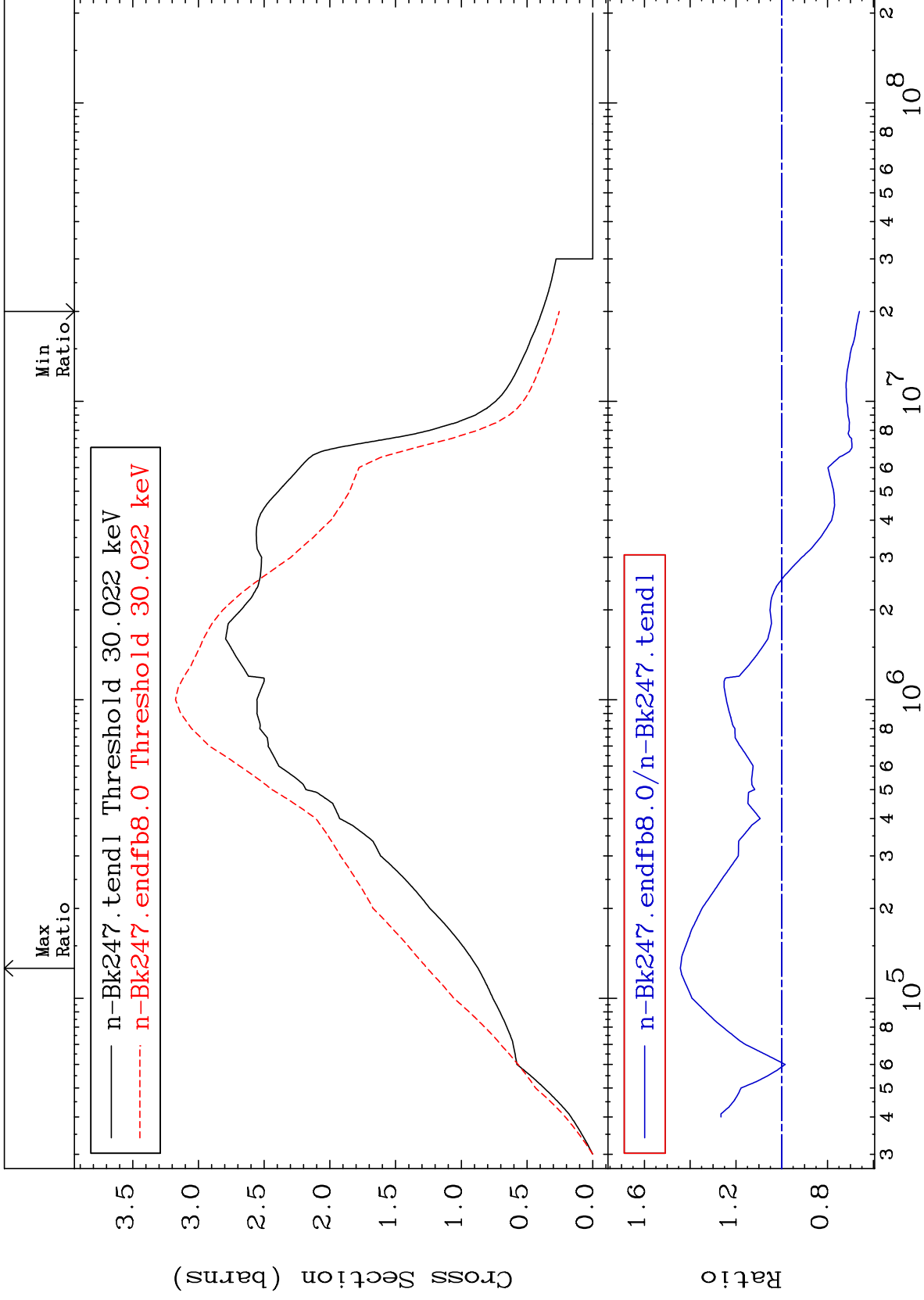
Incident Energy (eV)

97-Bk-247

MAT 9746

Inelastic
Cross Section

97-Bk-247
-33.93 To 44.29 %



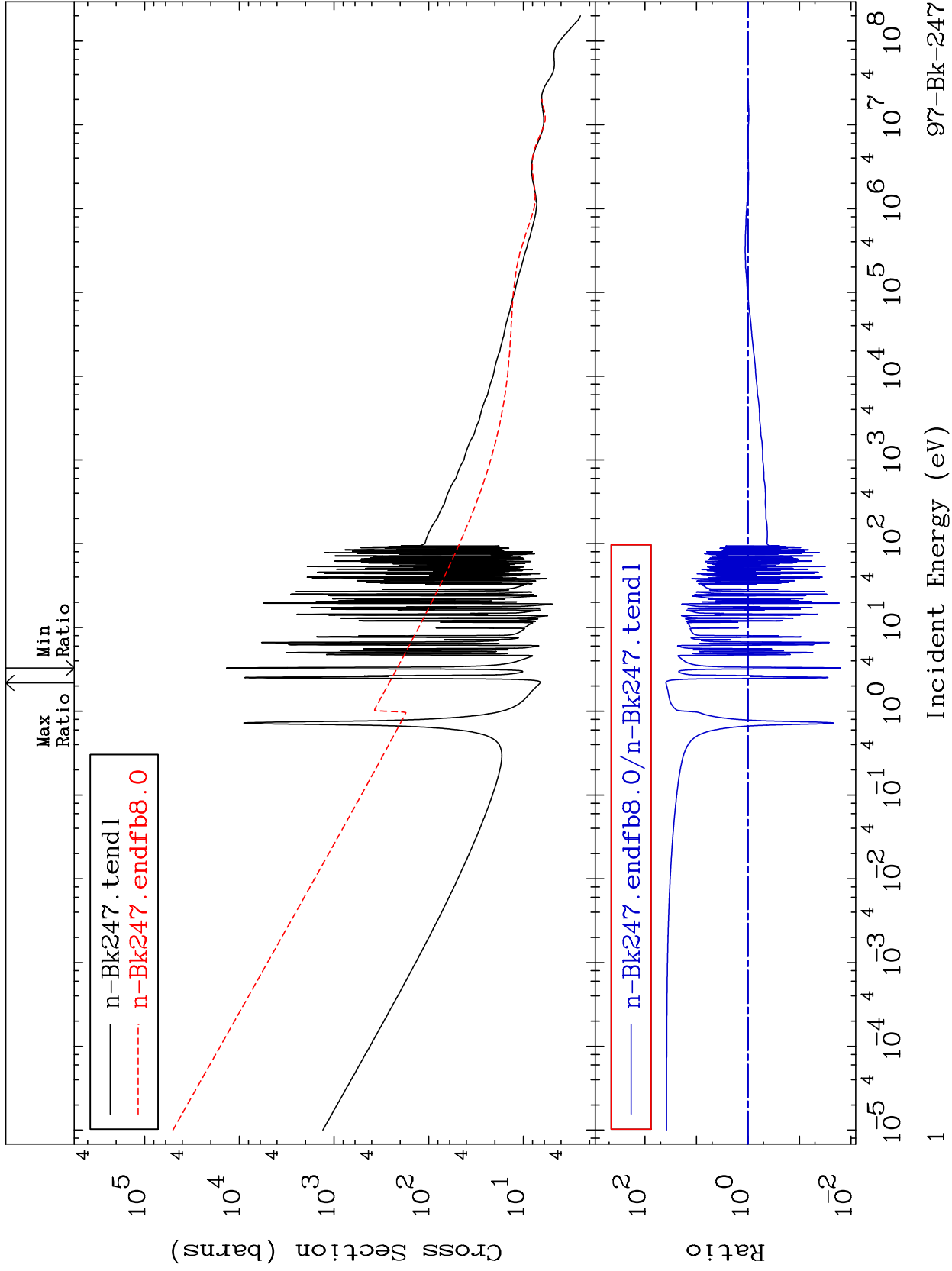
MAT 9746

Total

97-Bk-247

Cross Section

-98.42 To 3825. %



97-Bk-247

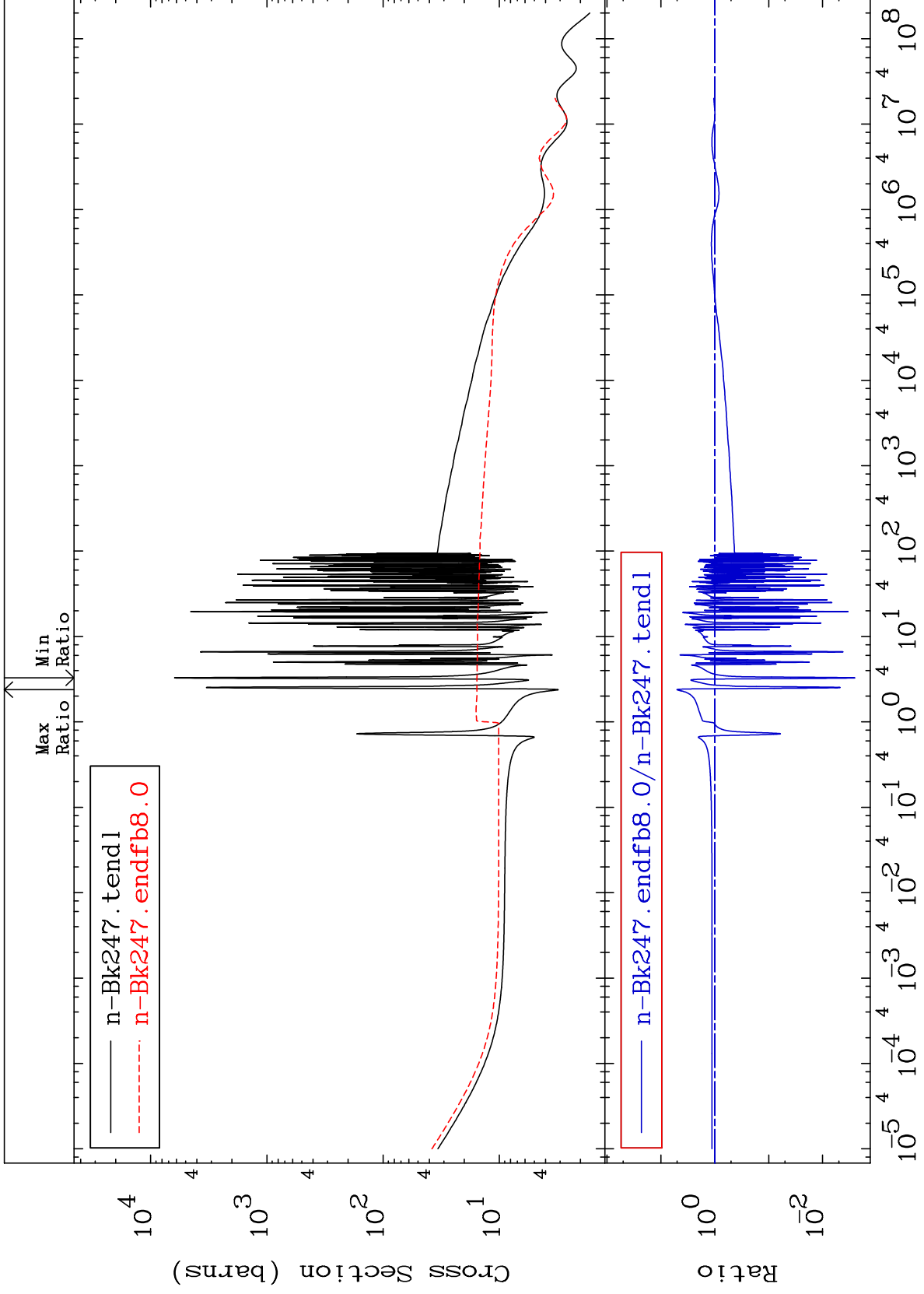
MAT 9746

Elastic

97-Bk-247

Cross Section

-99.75 To 403.8 %



2

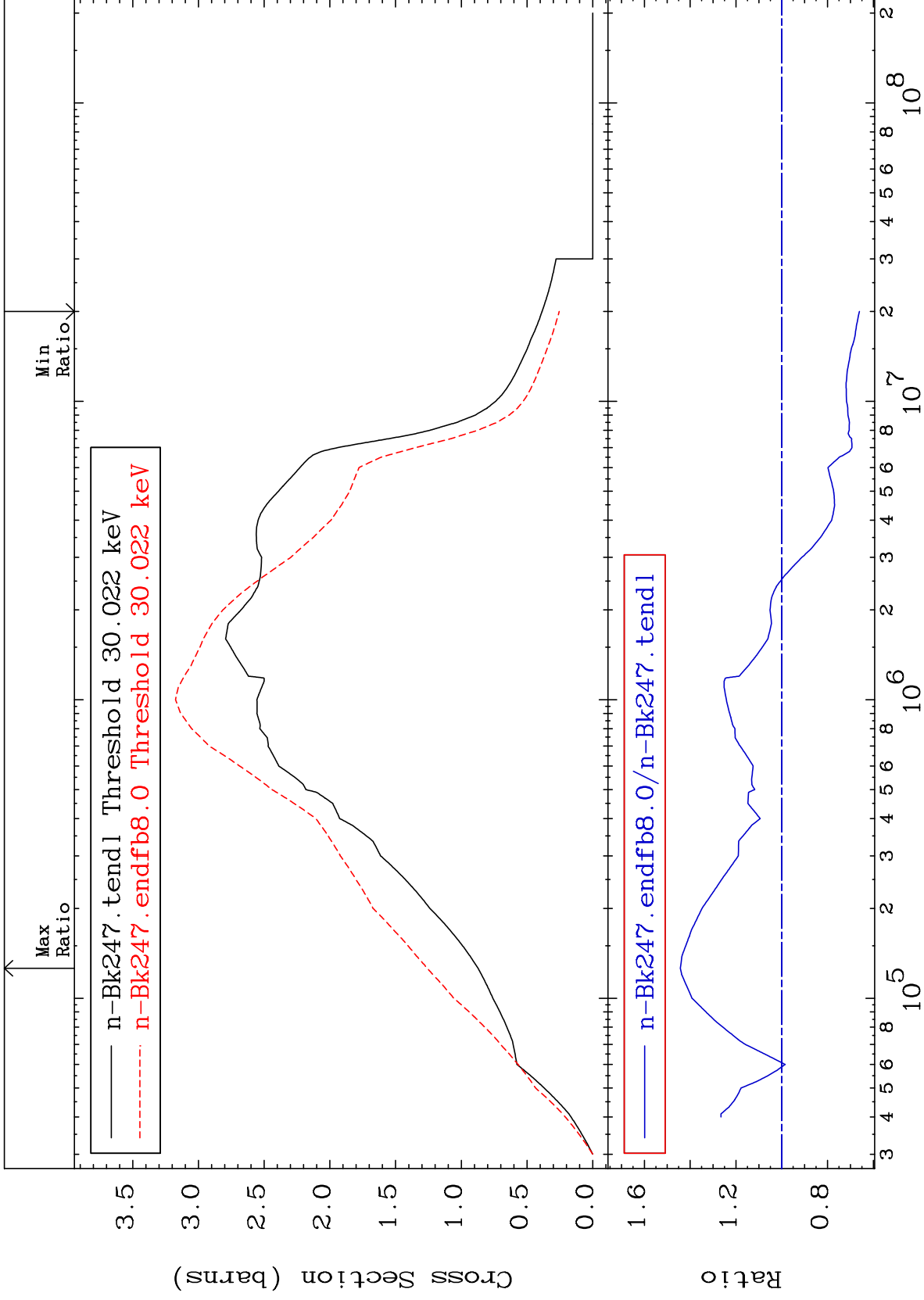
Incident Energy (eV)

97-Bk-247

MAT 9746

Inelastic
Cross Section

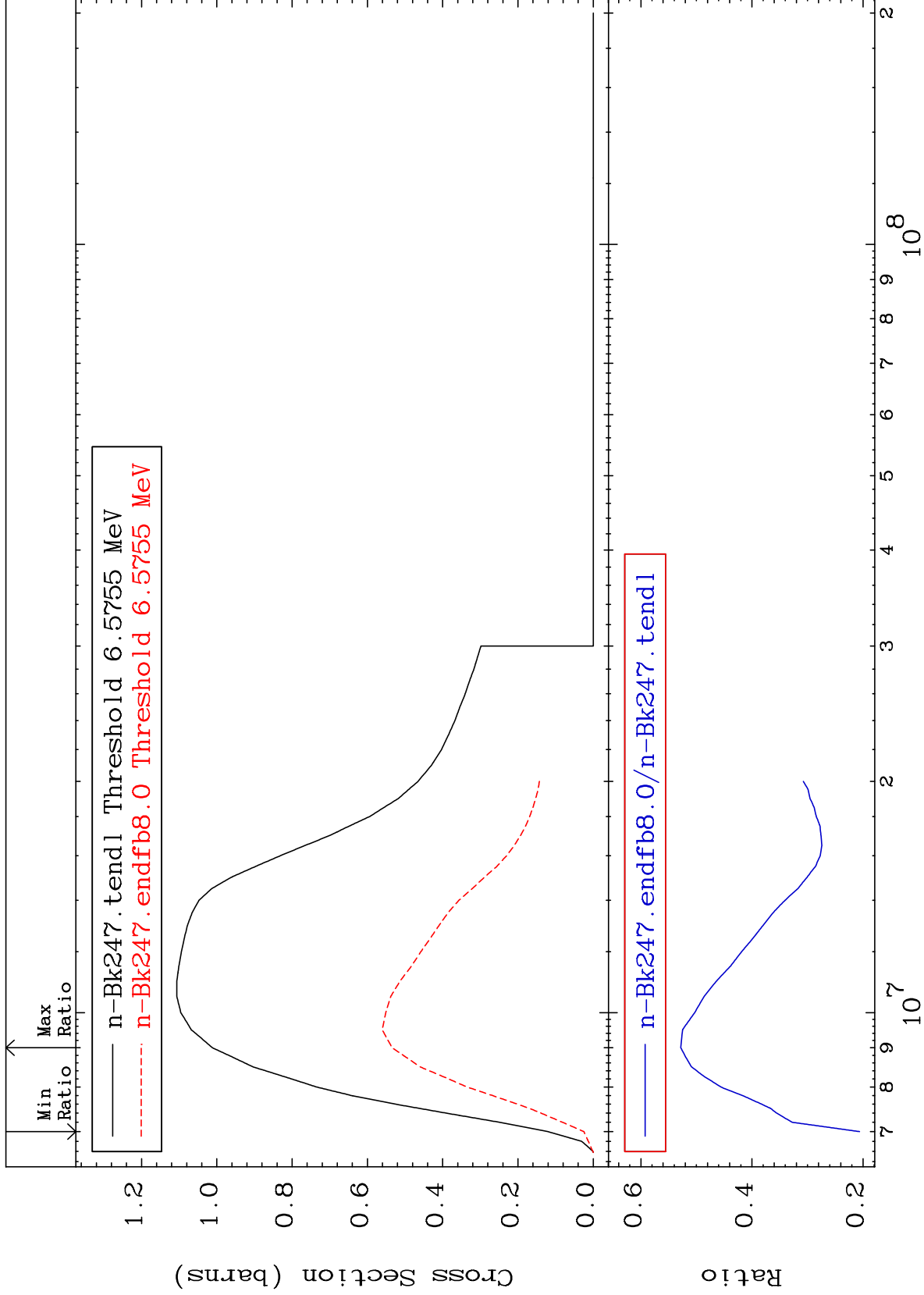
97-Bk-247
-33.93 To 44.29 %



MAT 9746

(n,2n)
Cross Section

97-Bk-247
-79.37 To -47.18%



4

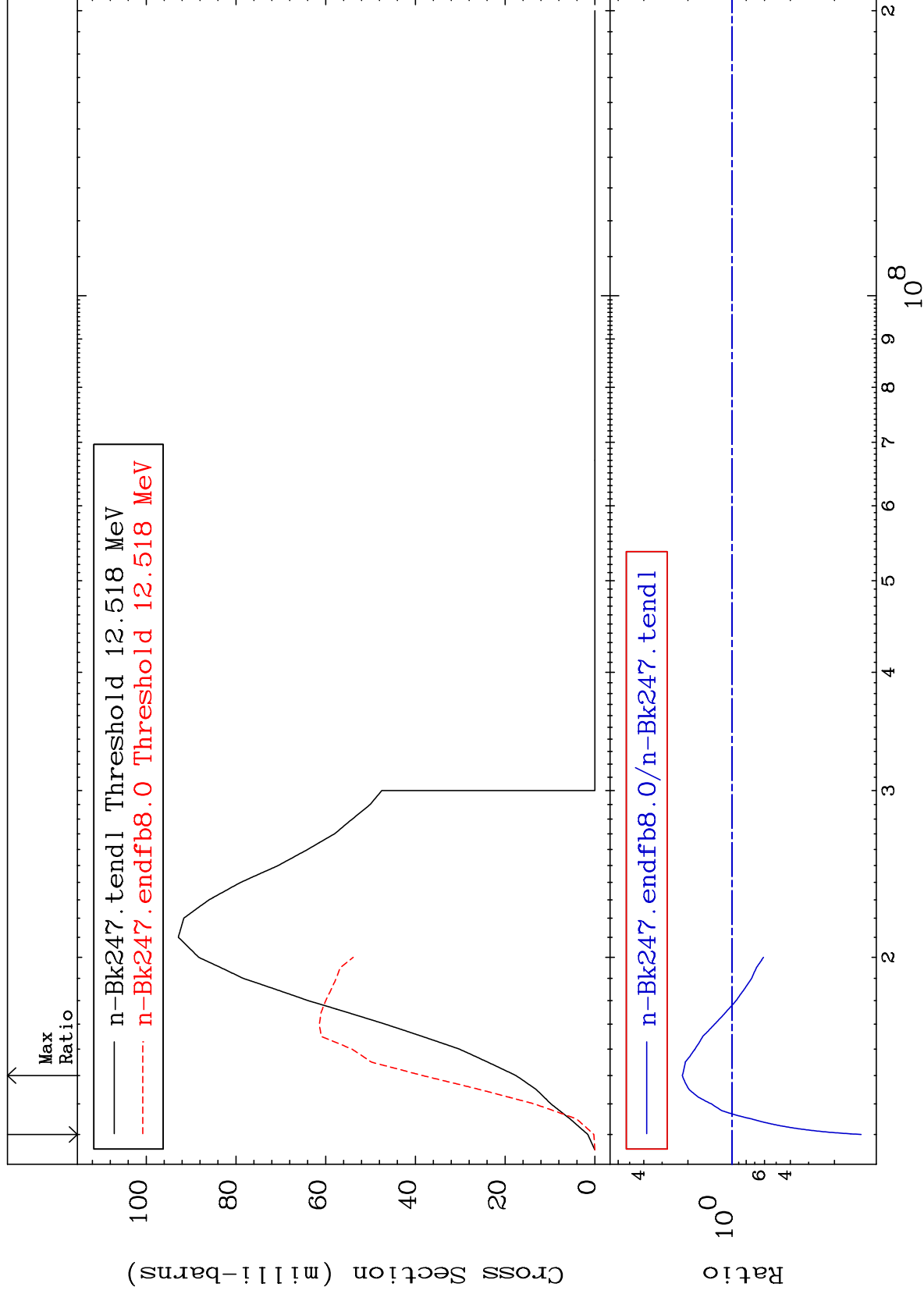
Incident Energy (eV)

97-Bk-247

MAT 9746

(n,3n)
Cross Section

97-Bk-247
-86.86 To 118.5 %



5

Incident Energy (eV)

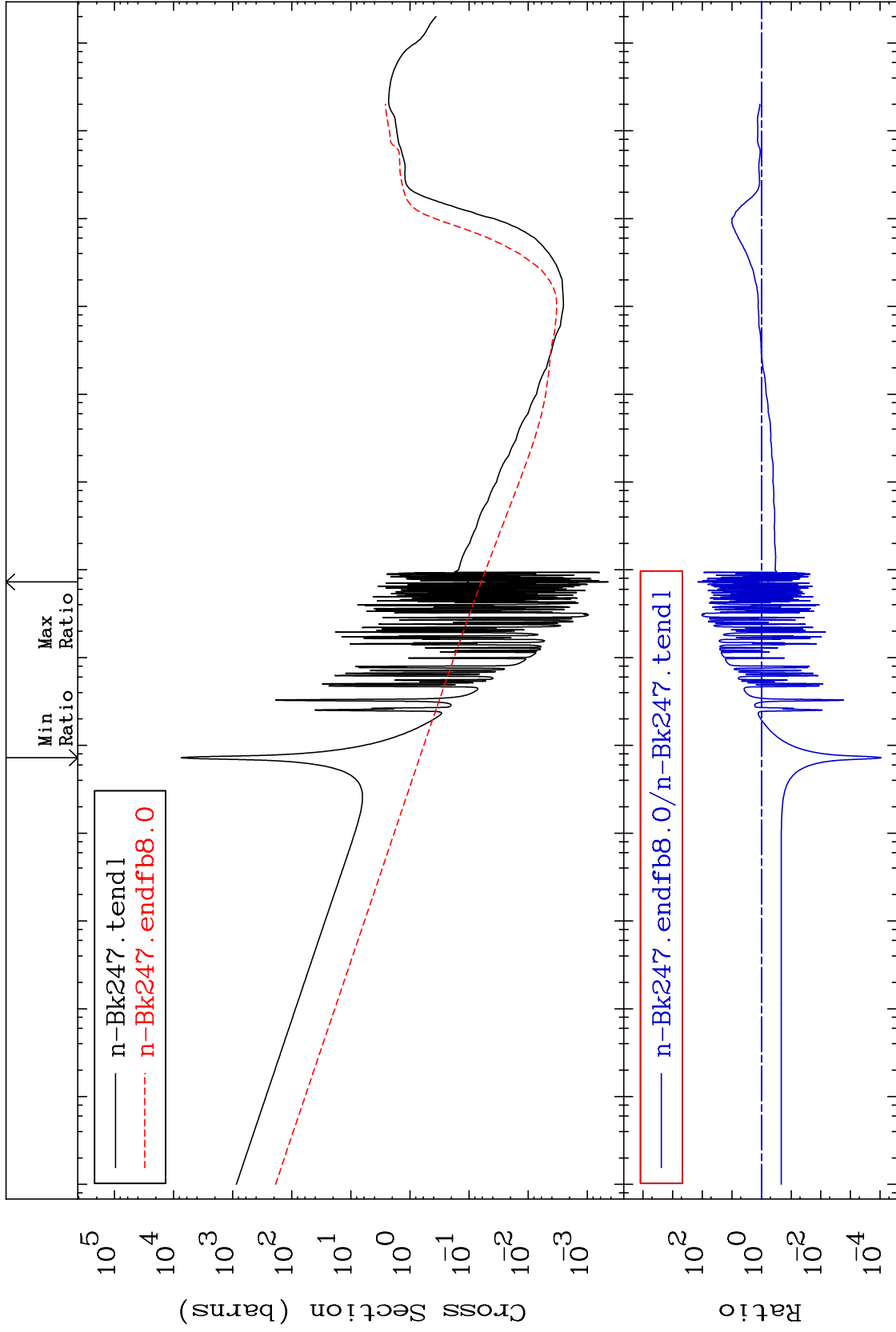
97-Bk-247

MAT 9746

97-Bk-247

-99.99 To 9999. %

Fission
Cross Section



Incident Energy (eV)

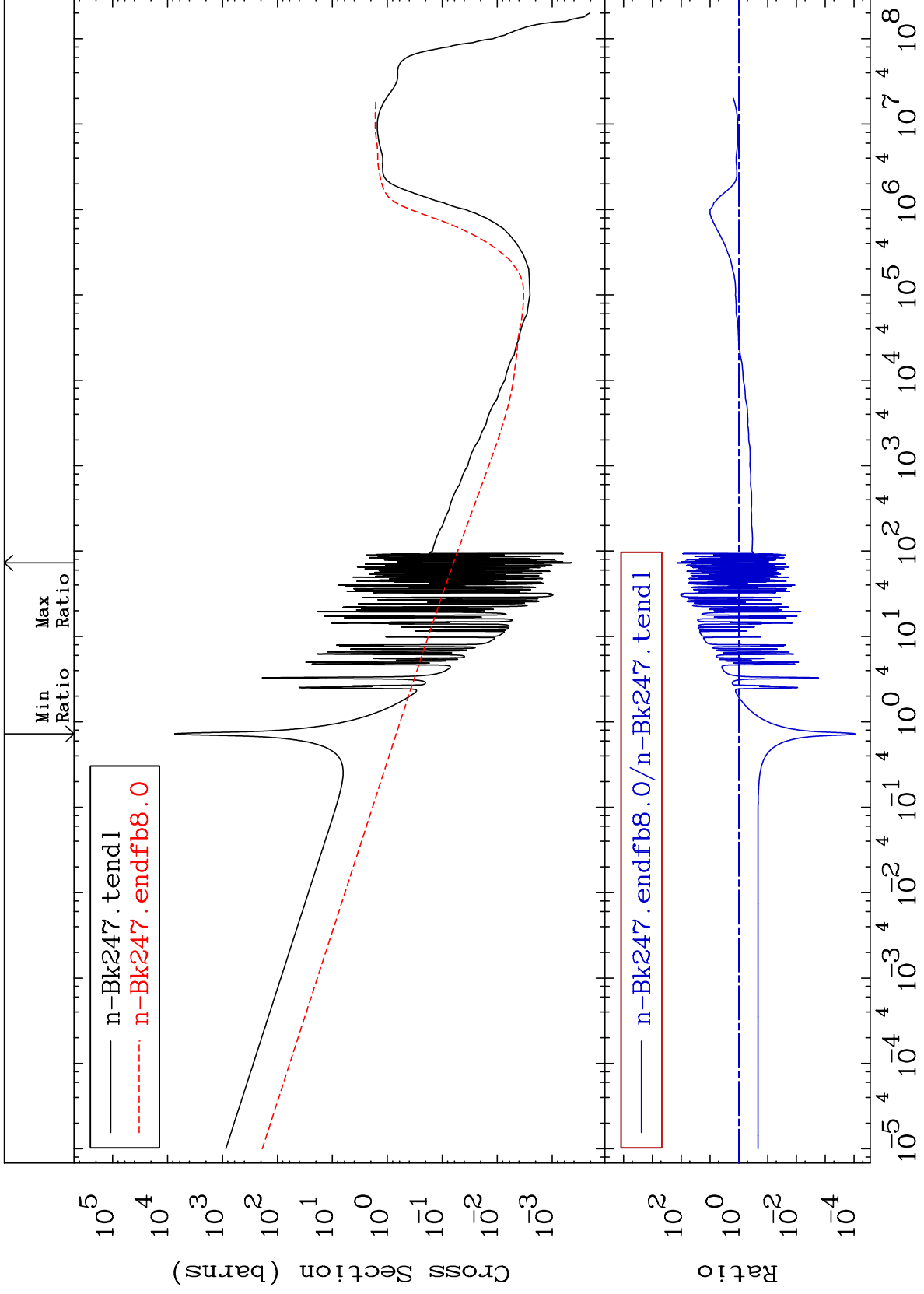
97-Bk-247

6

MAT 9746

(n,f) First Chance
Cross Section

97-Bk-247
-99.99 To 9999. %



7

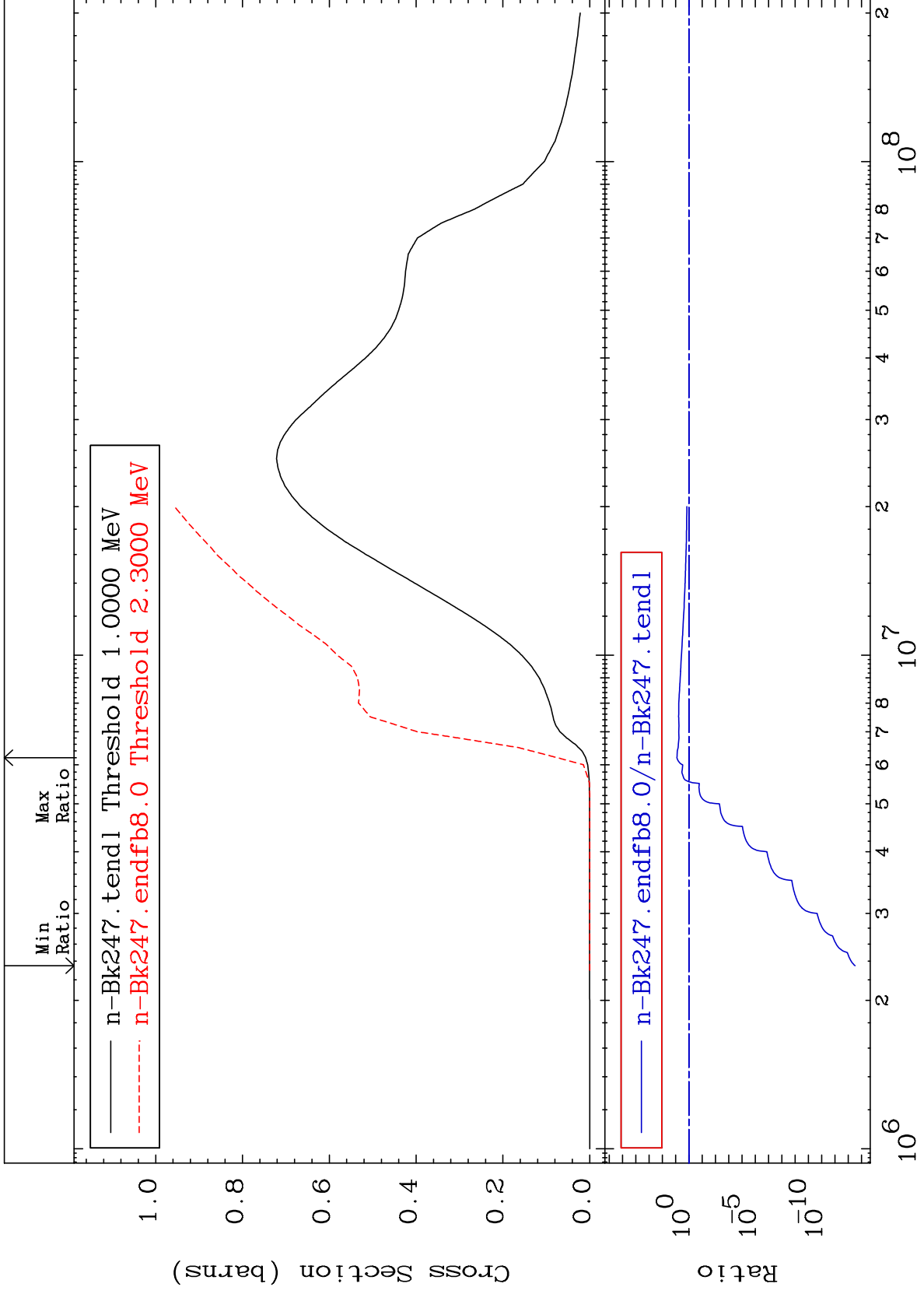
Incident Energy (eV)

97-Bk-247

MAT 9746

(n, nf) Second Chance
Cross Section

97-Bk-247
-100.0 To 703.1 %



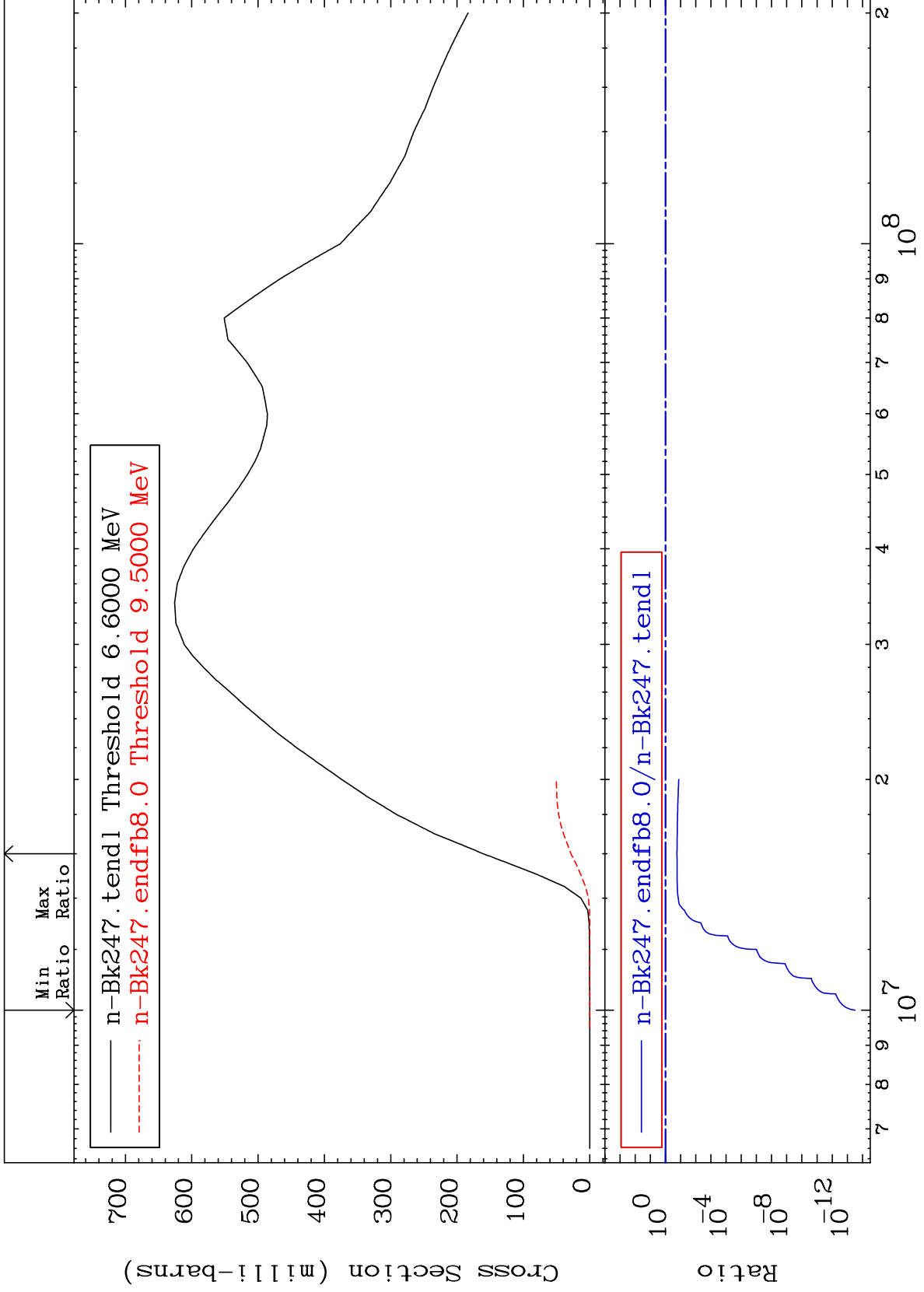
Incident Energy (eV)

97-Bk-247

MAT 9746

(n,2nf) Third Chance
Cross Section

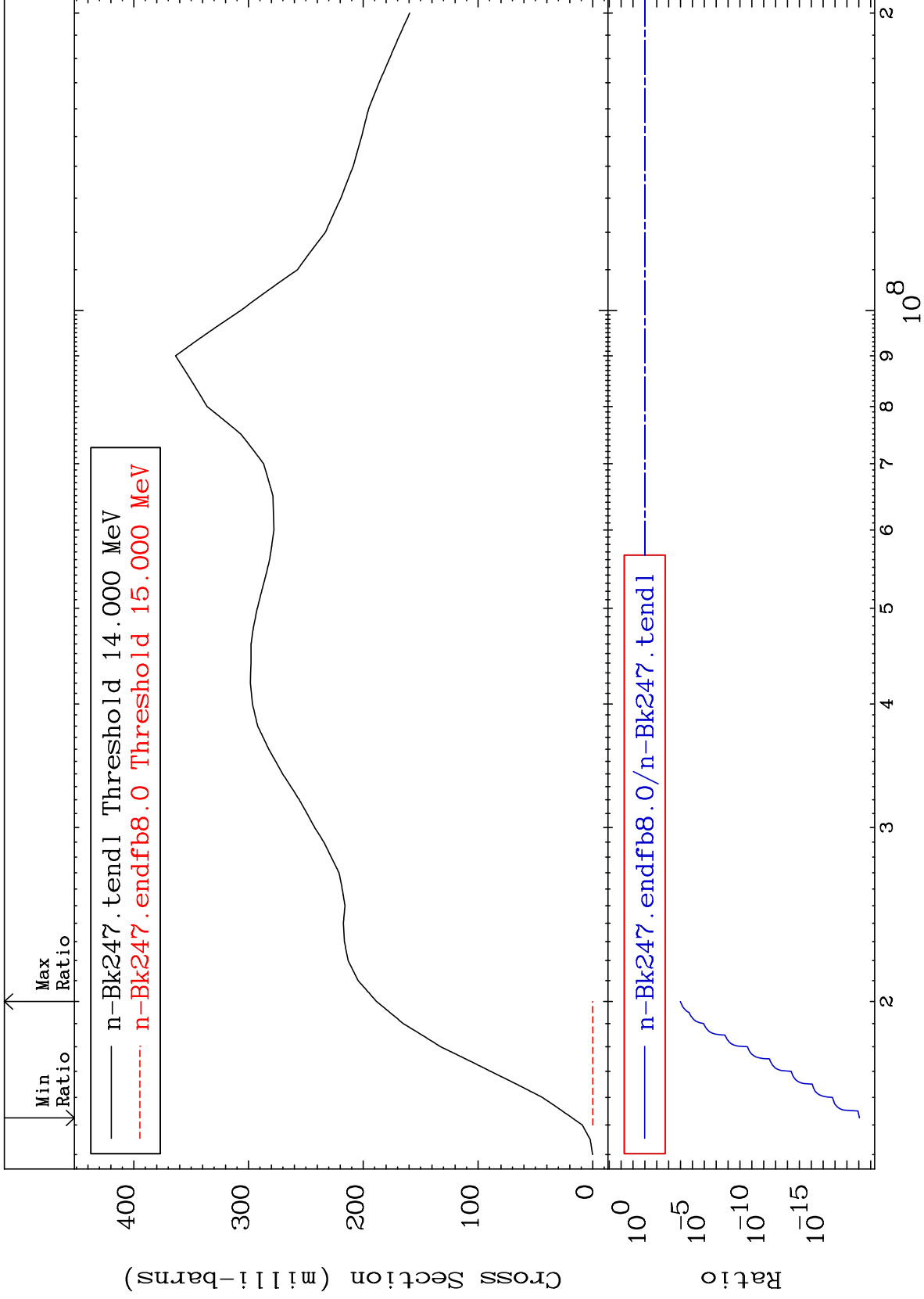
97-Bk-247
-100.0 To -82.35%



MAT 9746

(n,3nf) Fourth Chance
Cross Section

97-Bk-247
-100.0 To -99.90%



10

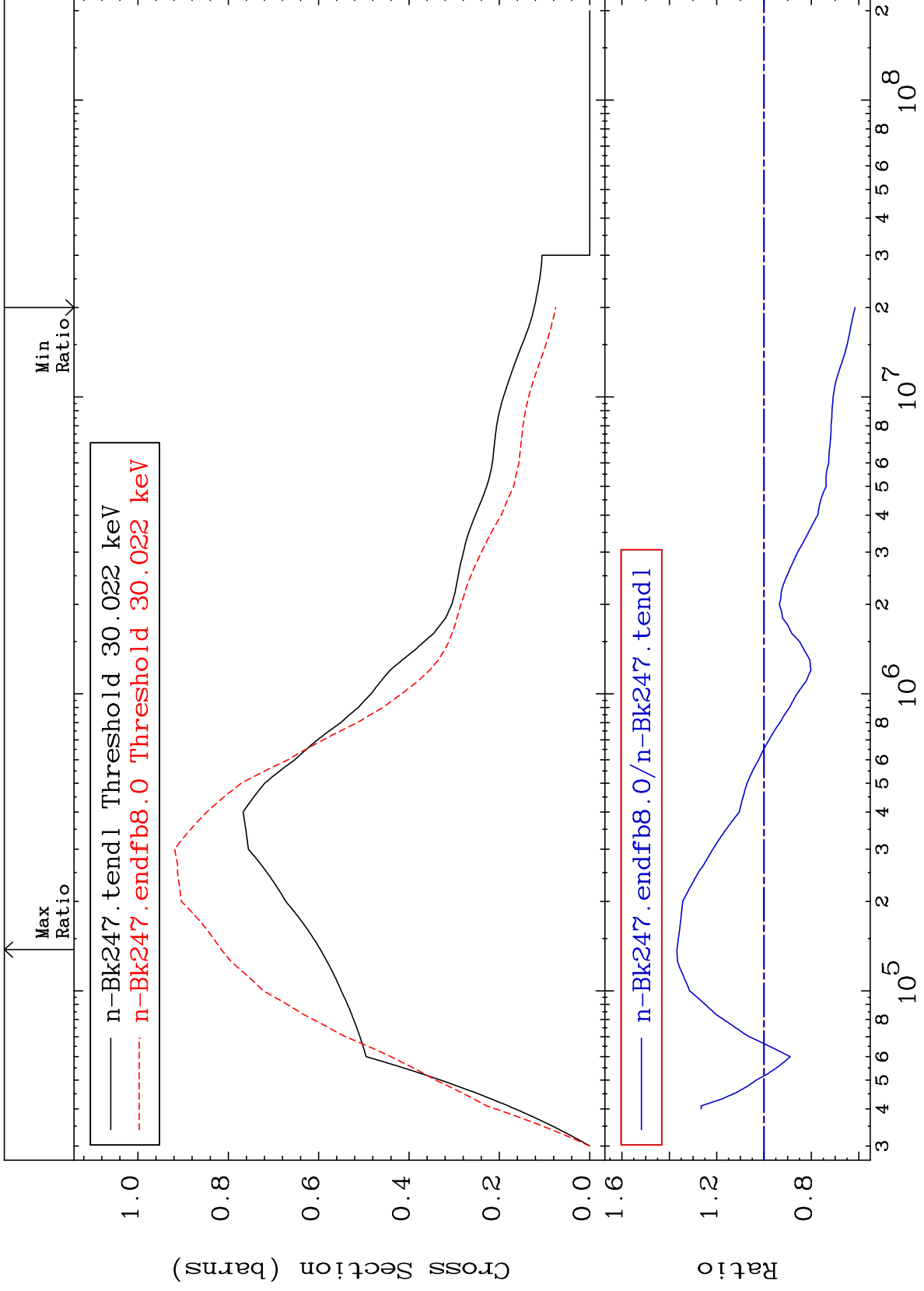
Incident Energy (eV)

97-Bk-247

MAT 9746

MT= 51 (n,n') Level
Cross Section

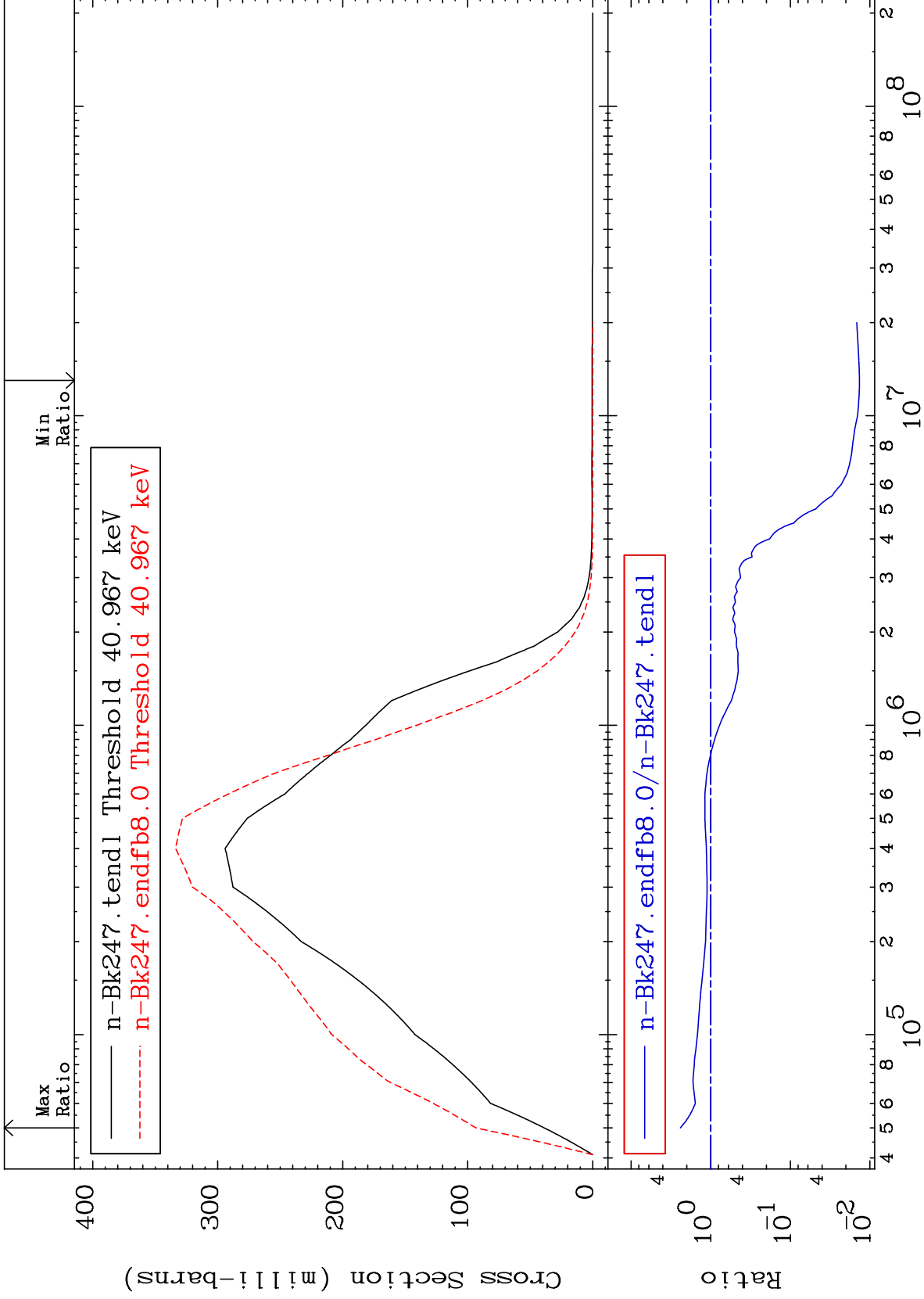
97-Bk-247
-38.45 To 36.80 %



MAT 9746

MT= 52 (n,n') Level
Cross Section

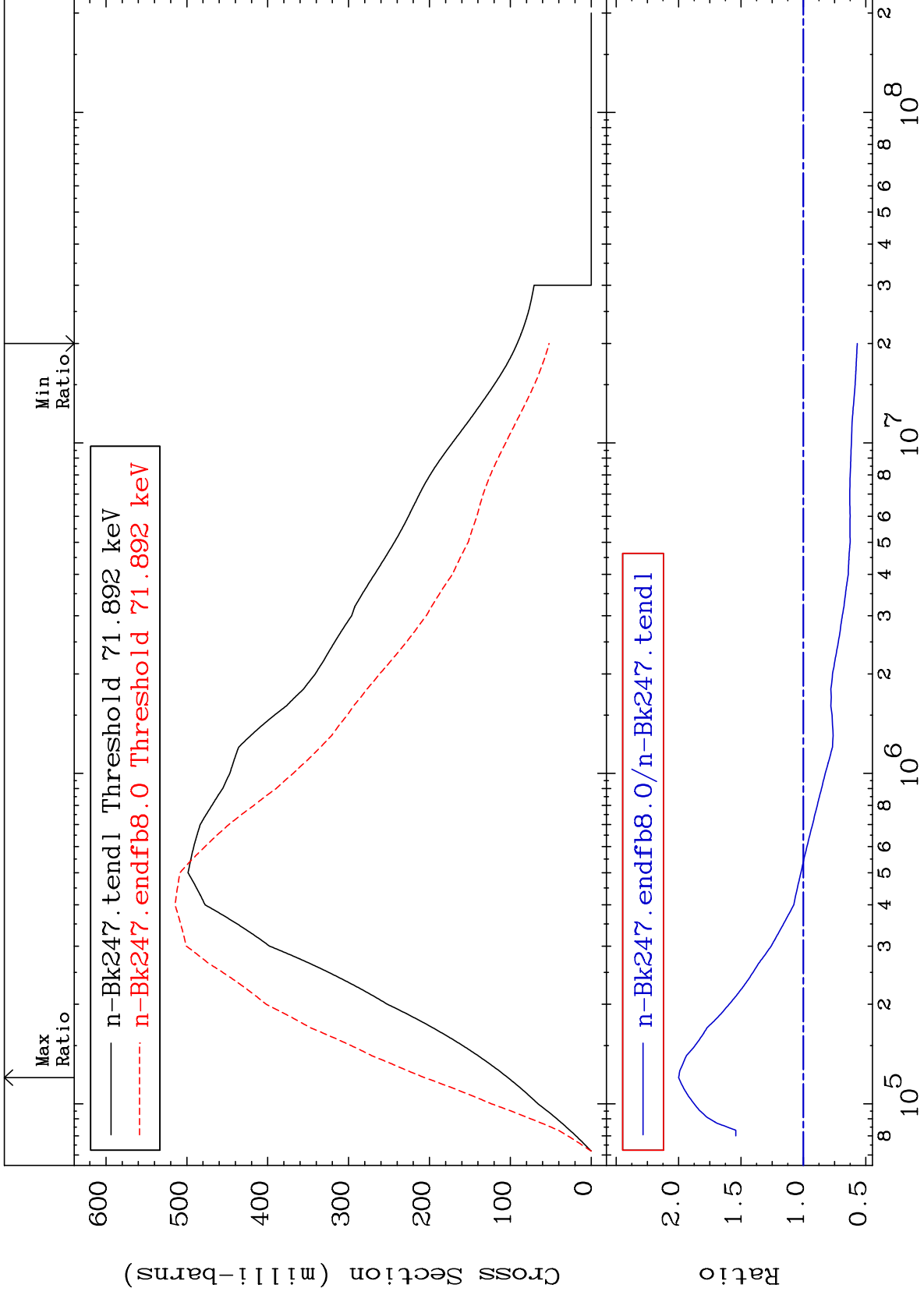
97-Bk-247
-98.65 To 141.1 %



MAT 9746

MT= 53 (n,n') Level
Cross Section

97-Bk-247
-43.14 To 100.0 %



13

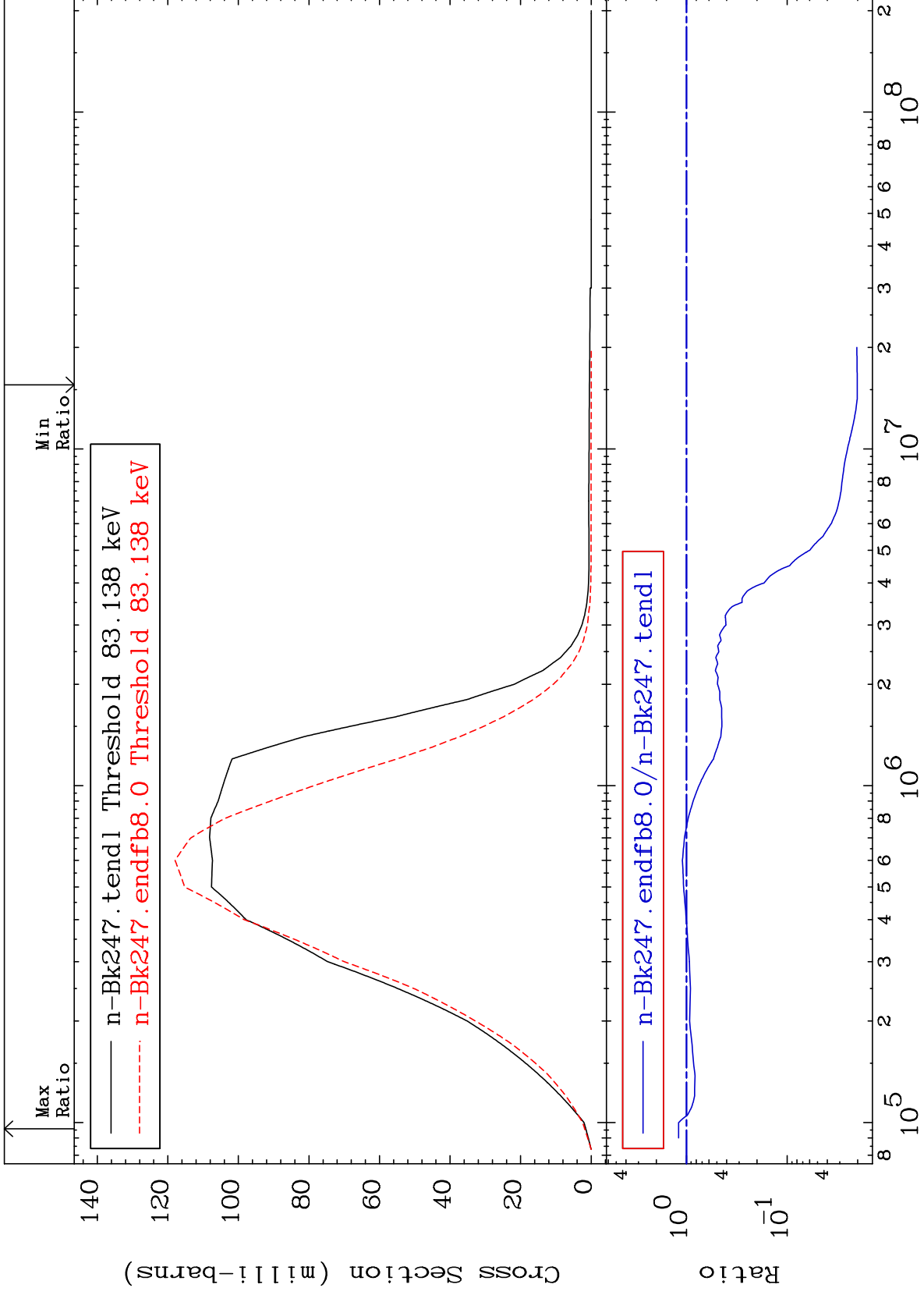
Incident Energy (eV)

97-Bk-247

MAT 9746

MT= 54 (n,n') Level
Cross Section

97-Bk-247
-97.98 To 19.85 %



14

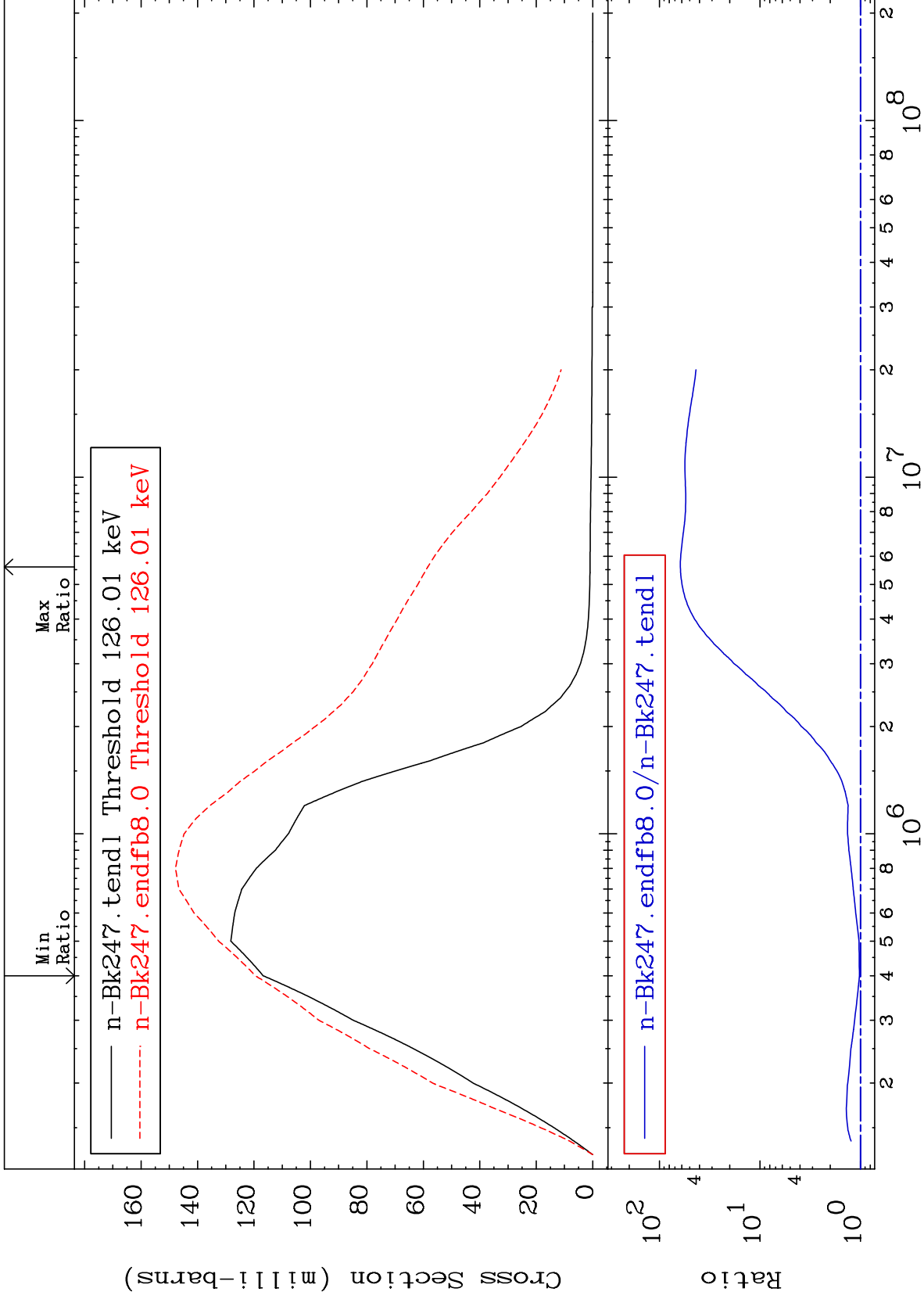
Incident Energy (eV)

97-Bk-247

MAT 9746

MT= 55 (n,n') Level
Cross Section

97-Bk-247
2.368 To 6090. %



15

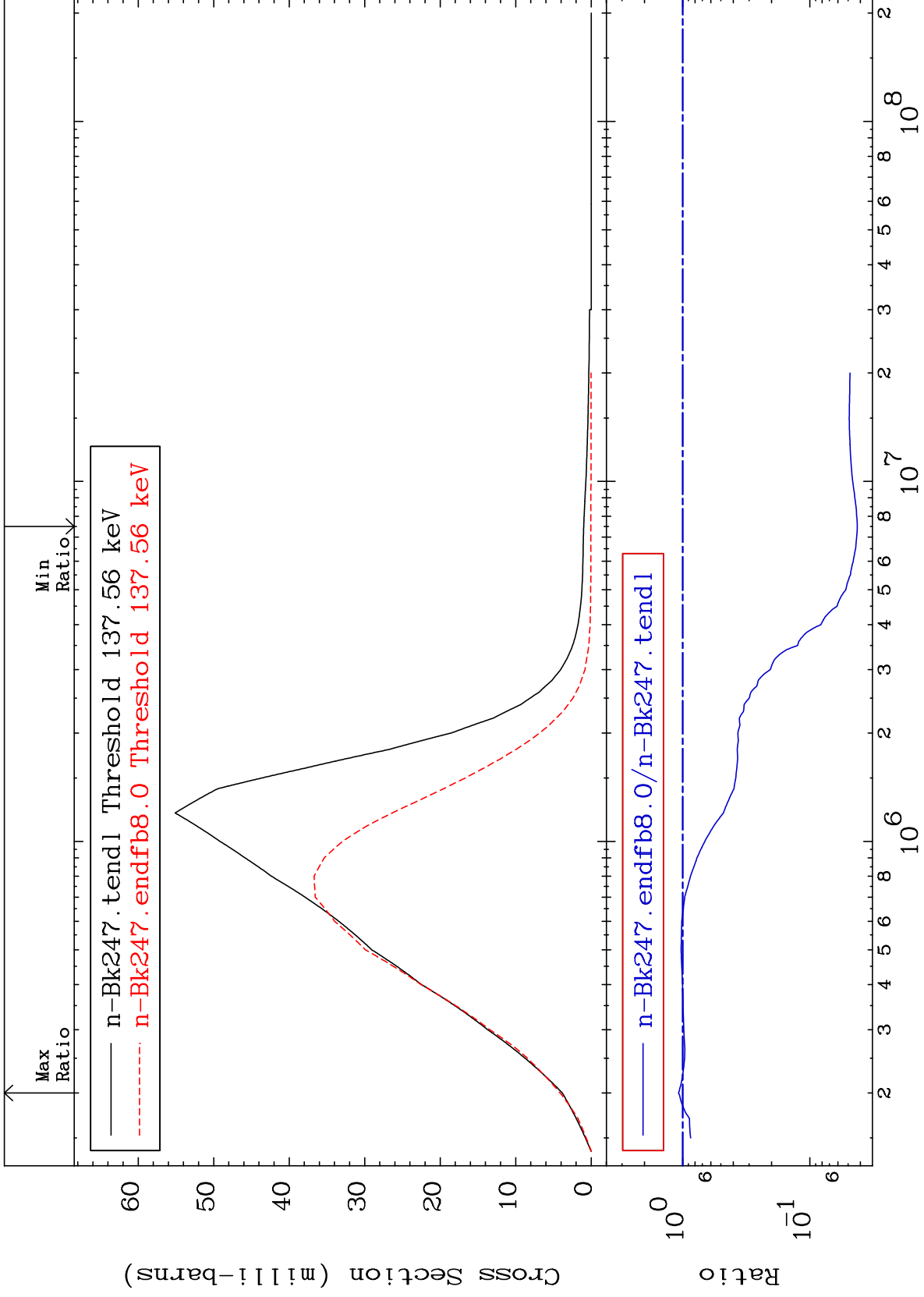
Incident Energy (eV)

97-Bk-247

MAT 9746

MT= 56 (n,n') Level
Cross Section

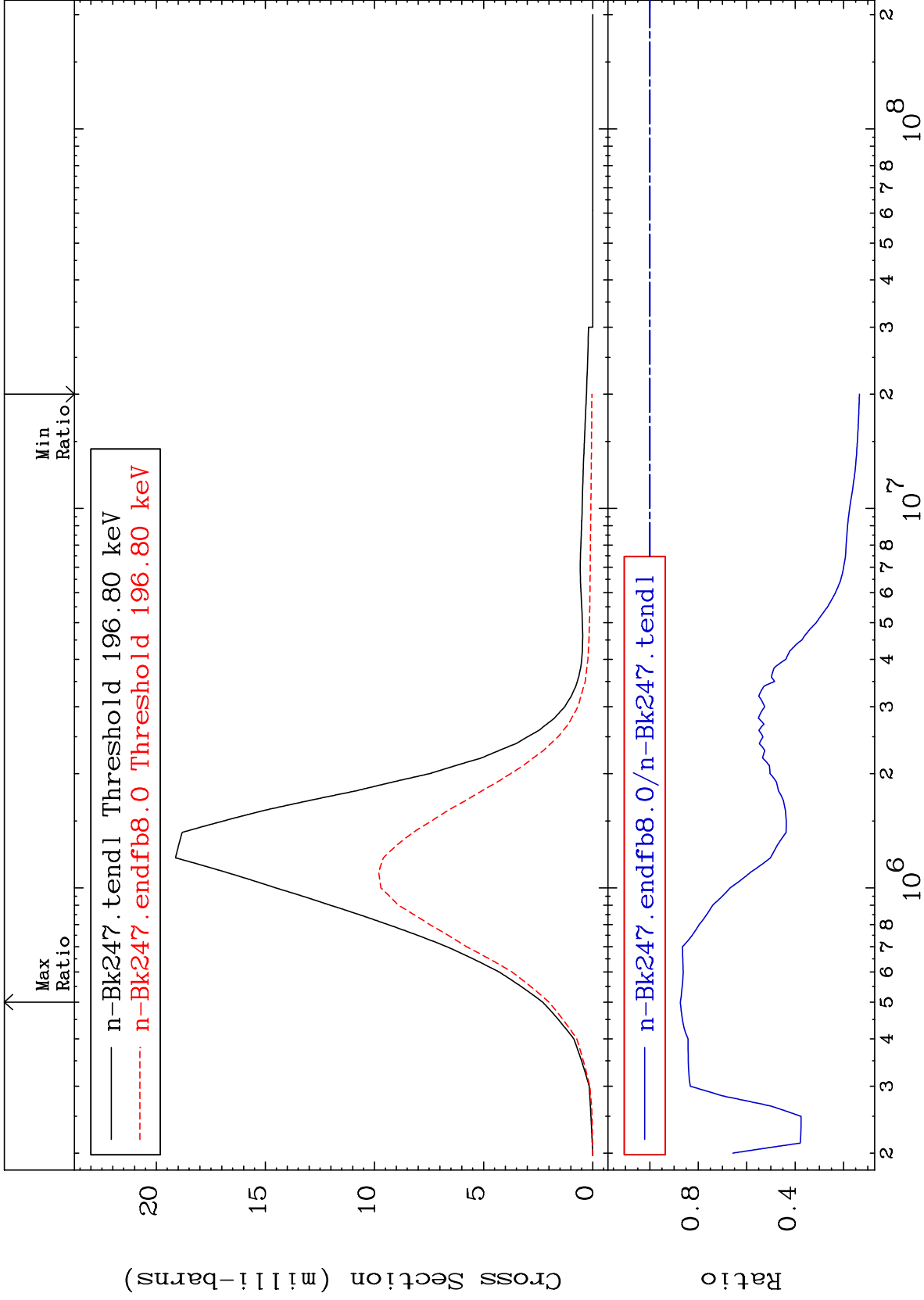
97-Bk-247
-95.77 To 7.547 %



MAT 9746

MT= 57 (n,n') Level
Cross Section

97-Bk-247
-86.56 To -12.62%



17

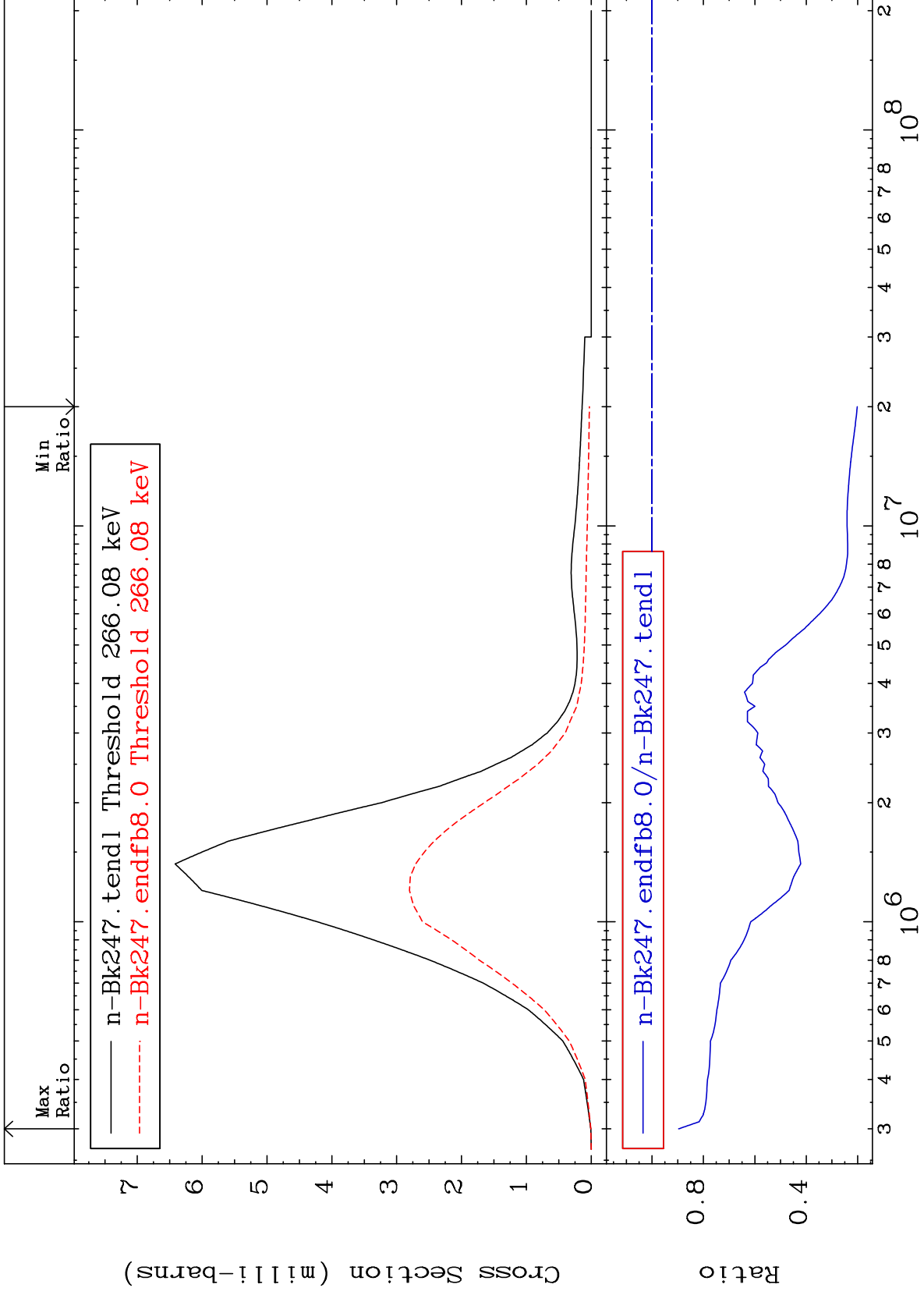
Incident Energy (eV)

97-Bk-247

MAT 9746

MT= 58 (n,n') Level
Cross Section

97-Bk-247
-79.86 To -10.36%



18

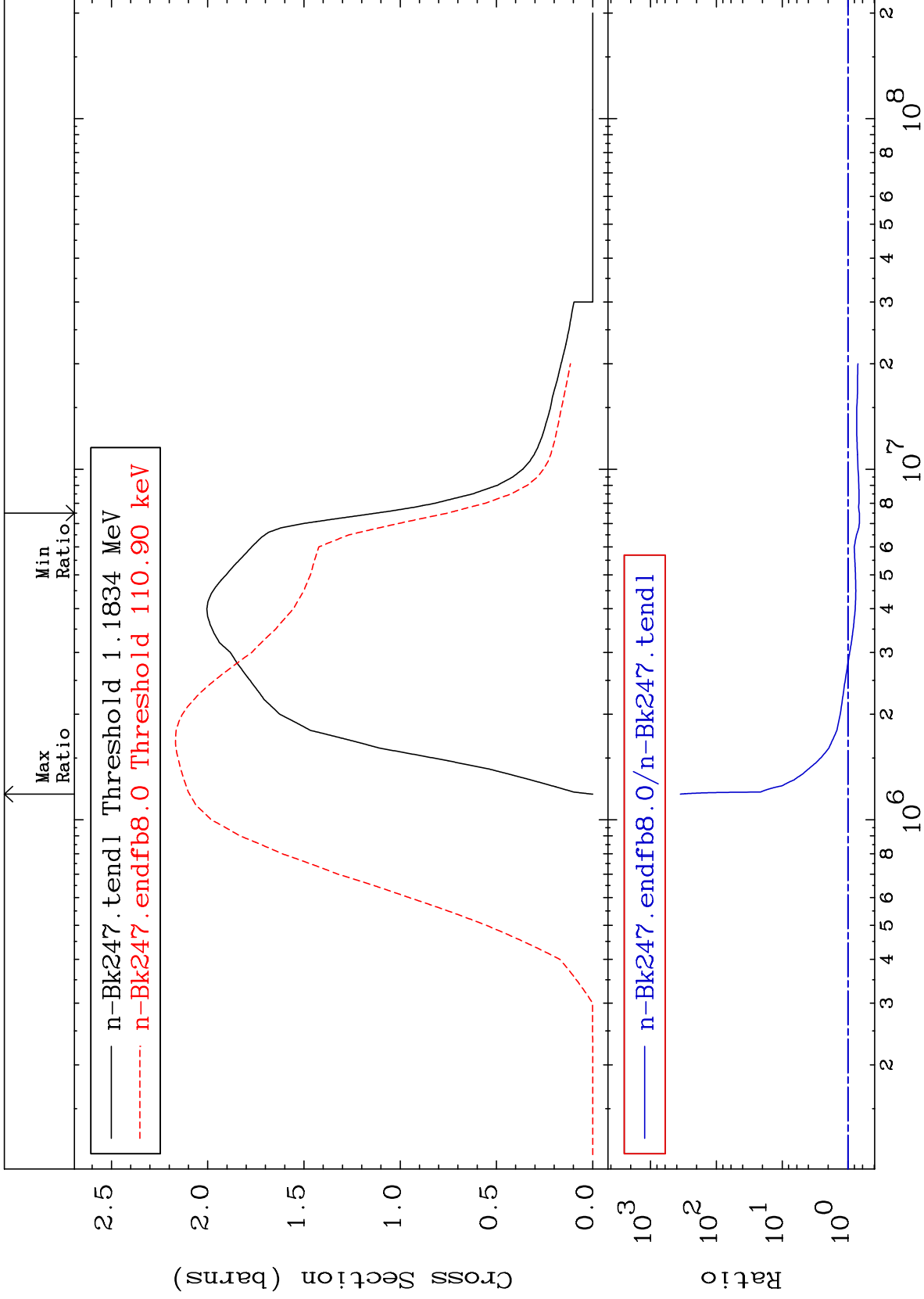
Incident Energy (eV)

97-Bk-247

MAT 9746

(n, n') Continuum
Cross Section

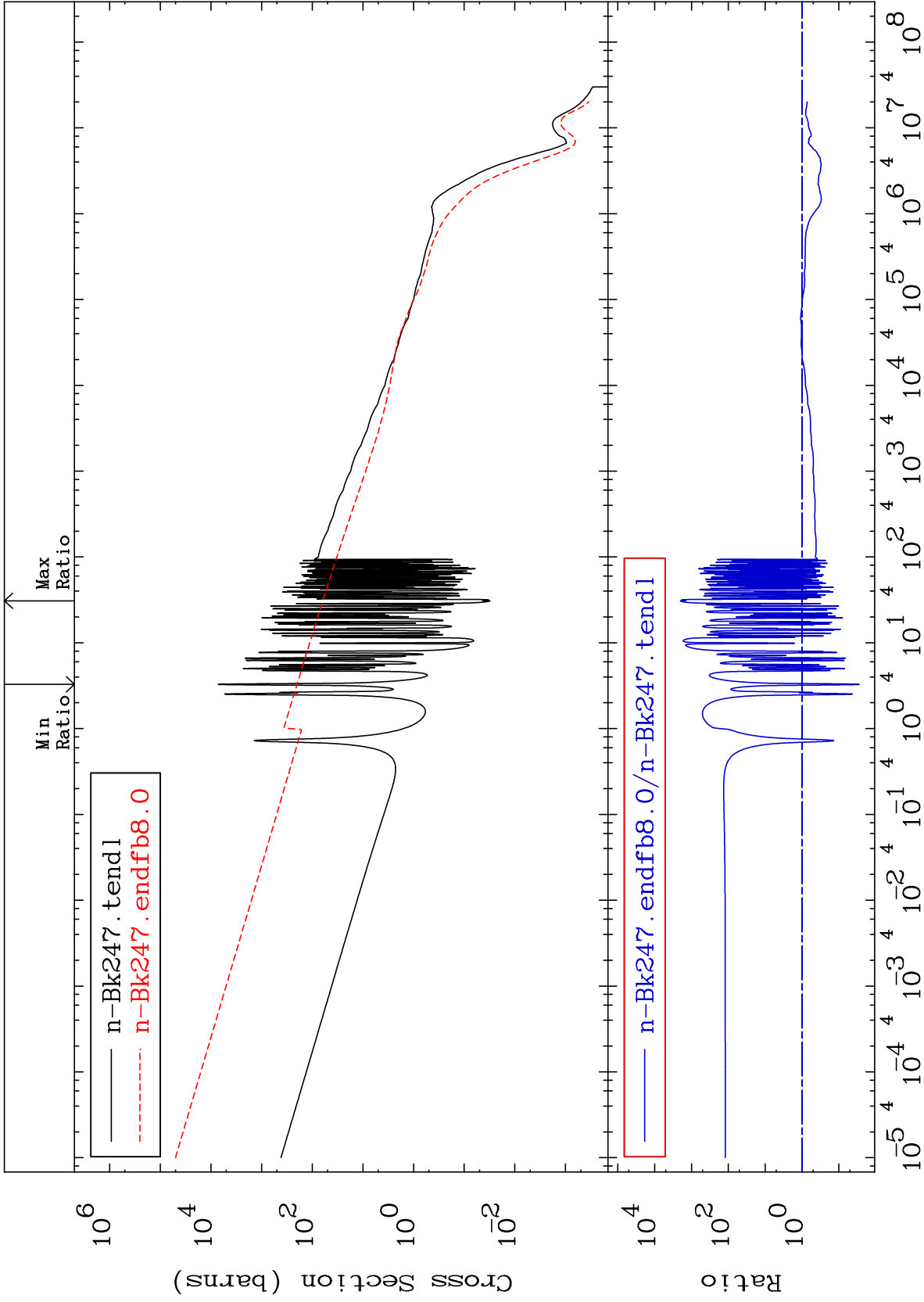
97-Bk-247
-33.00 To 9999. %



MAT 9746

(n, γ)
Cross Section

97-Bk-247
-97.24 To 9999. %



20

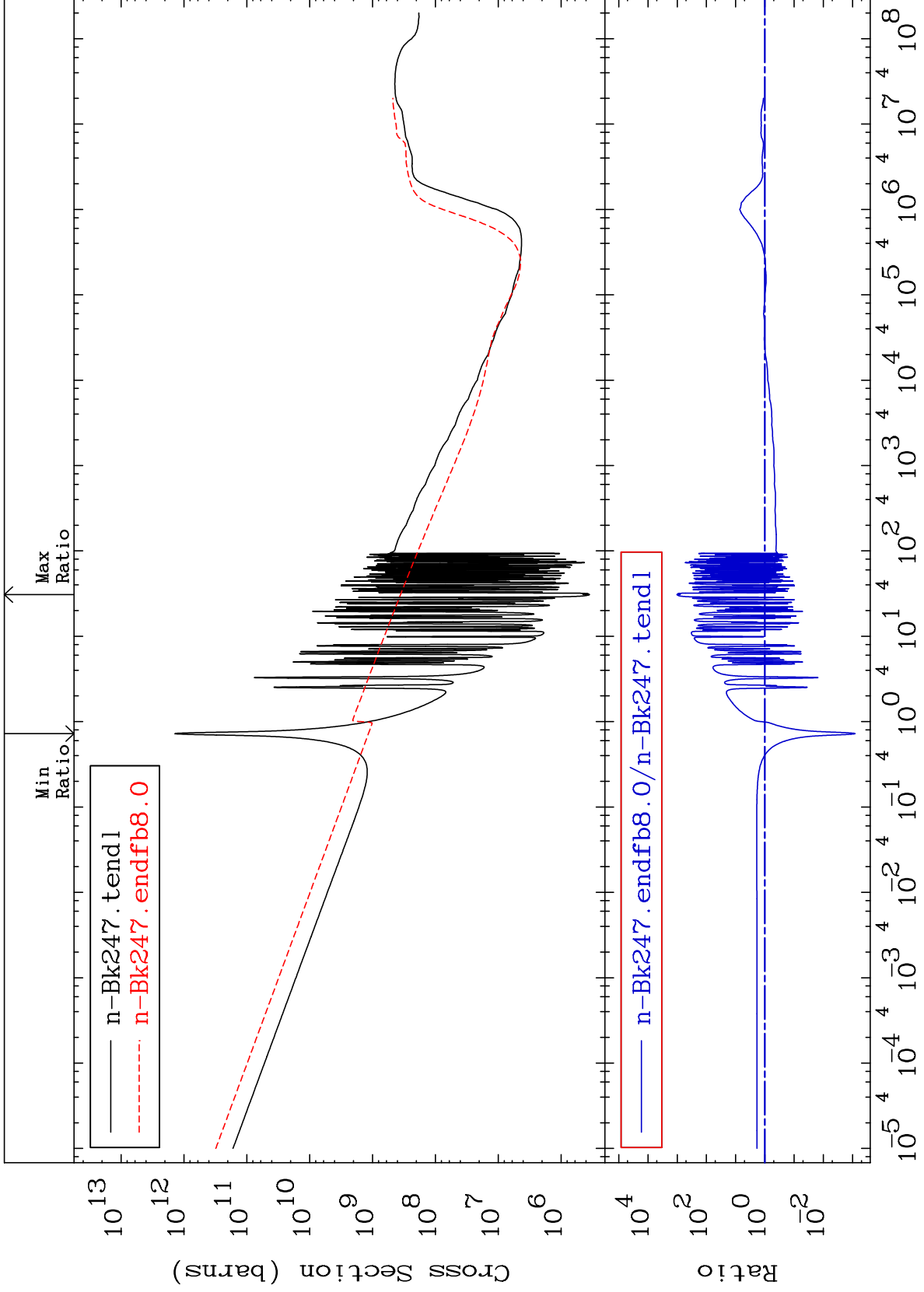
Incident Energy (eV)

97-Bk-247

MAT 9746

Kerma total (eV-barns)
Cross Section

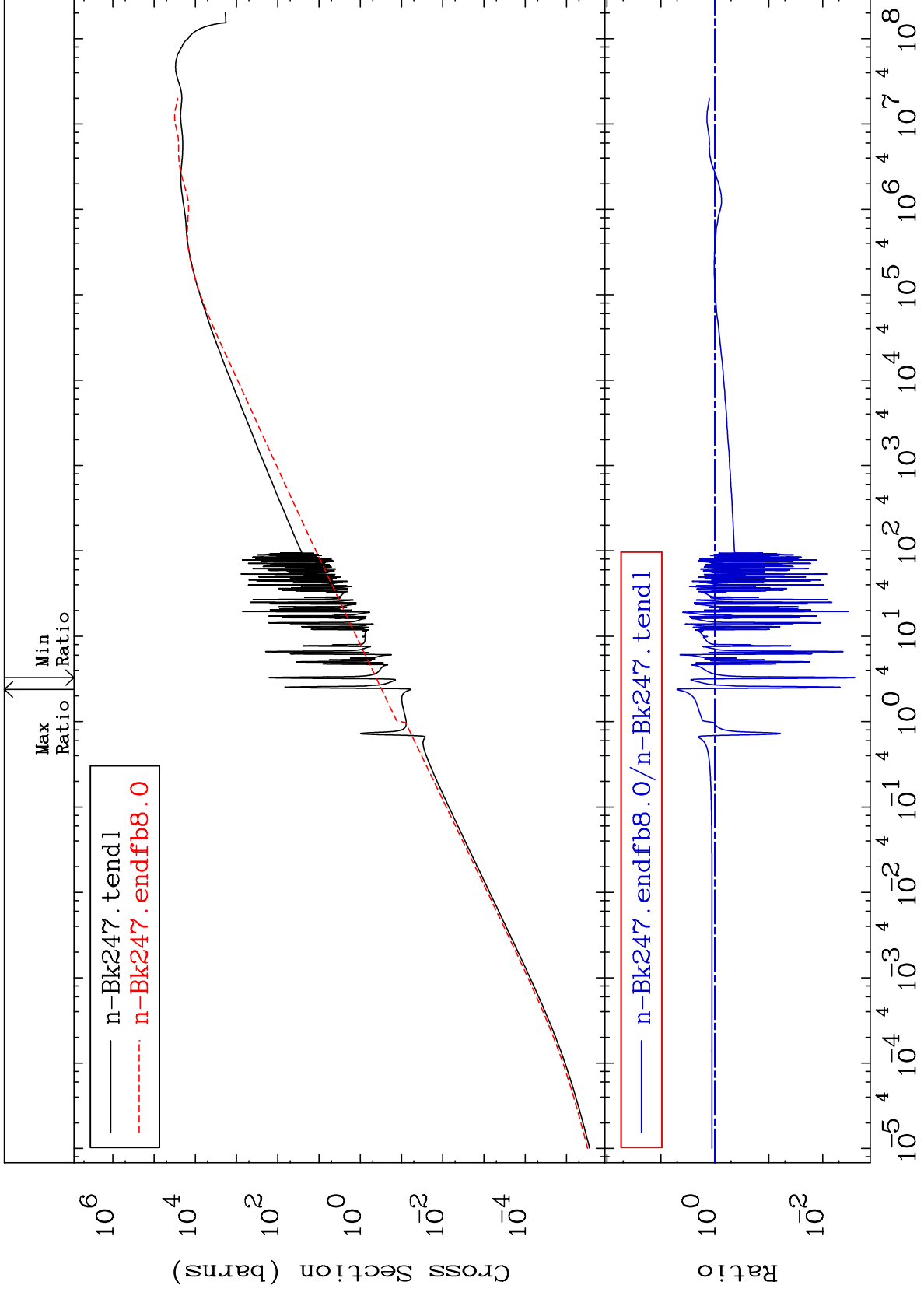
97-Bk-247
-99.92 To 9999. %

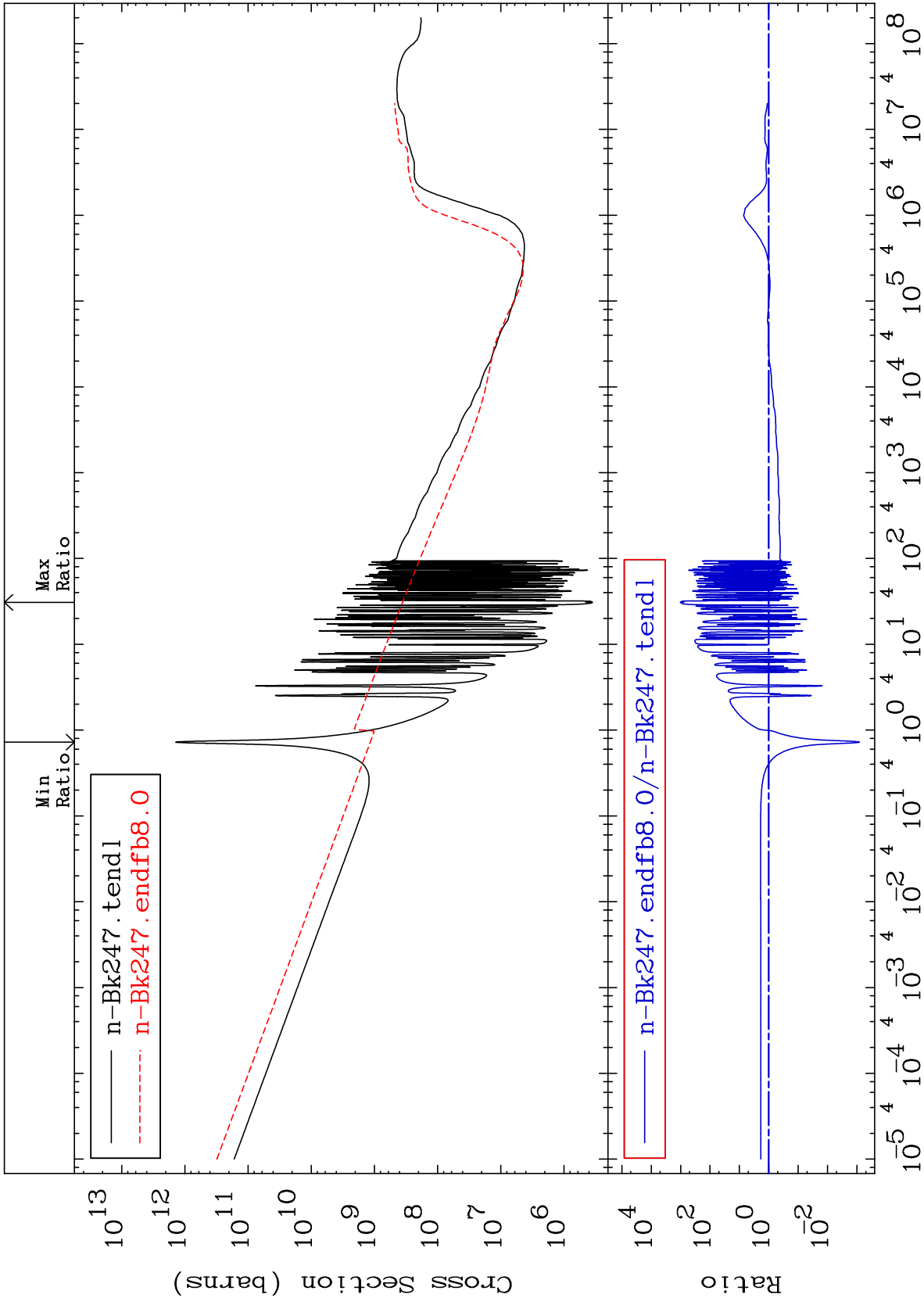


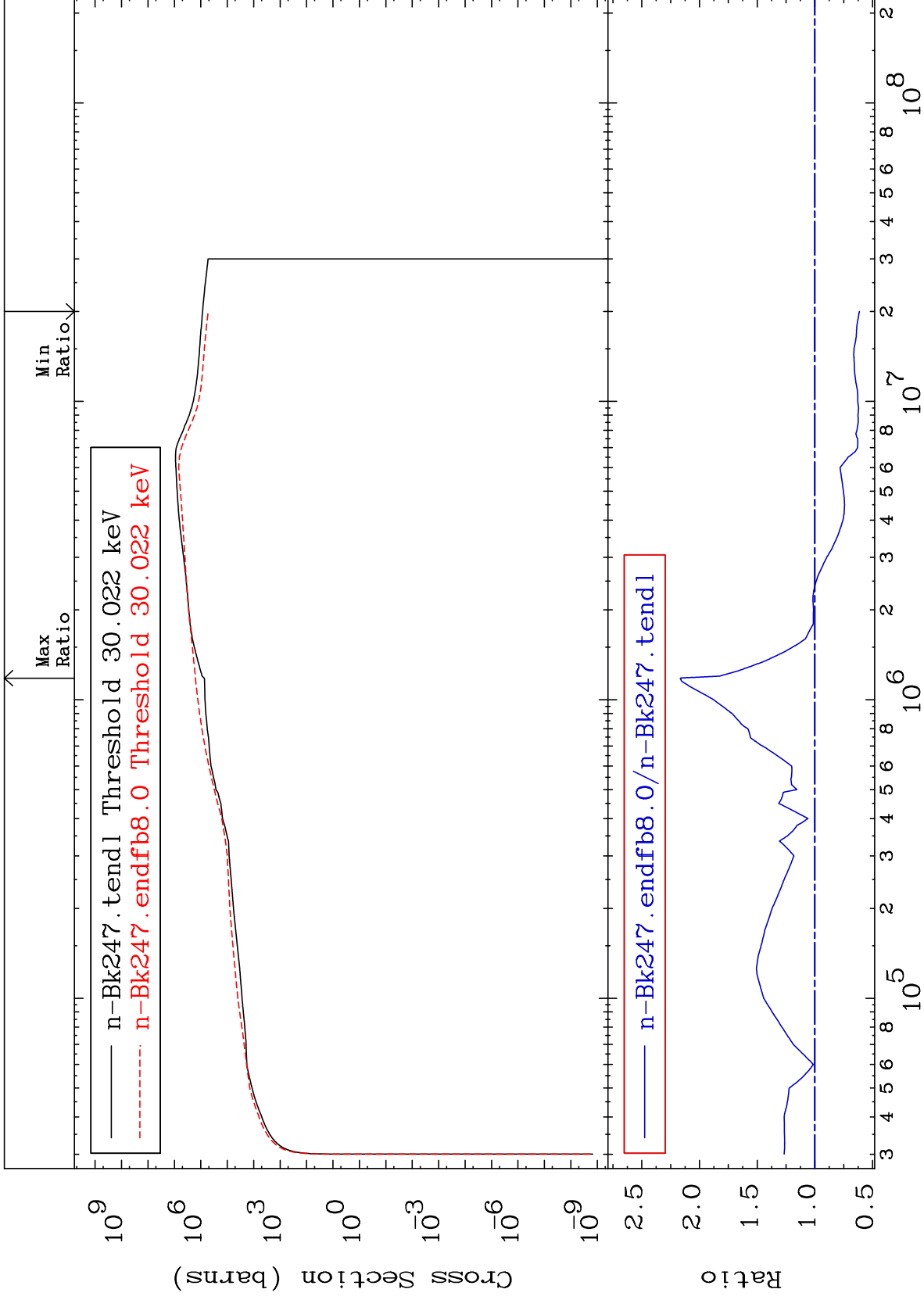
MAT 9746

Kerma elastic
Cross Section

97-Bk-247
-99.75 To 403.9 %



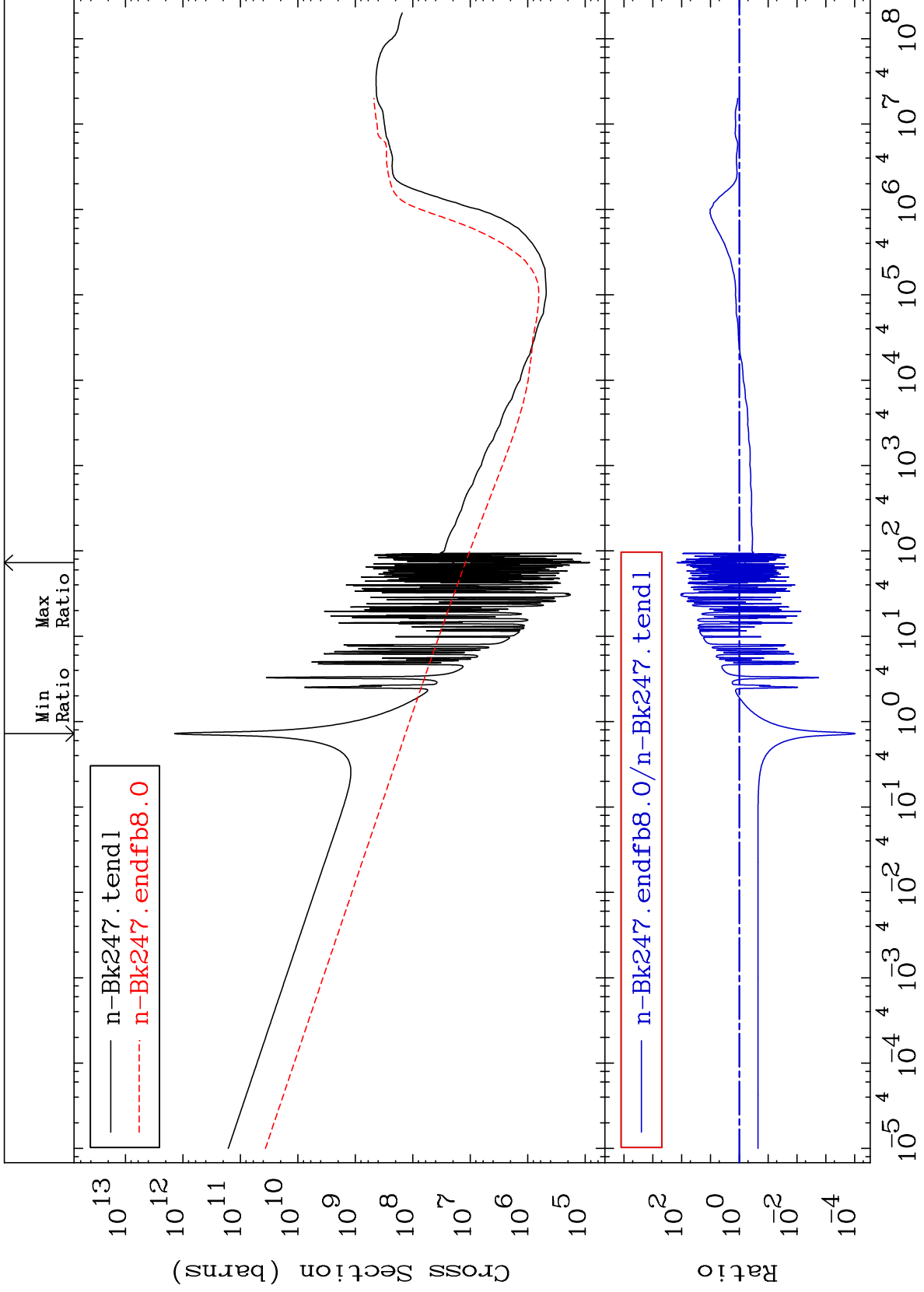


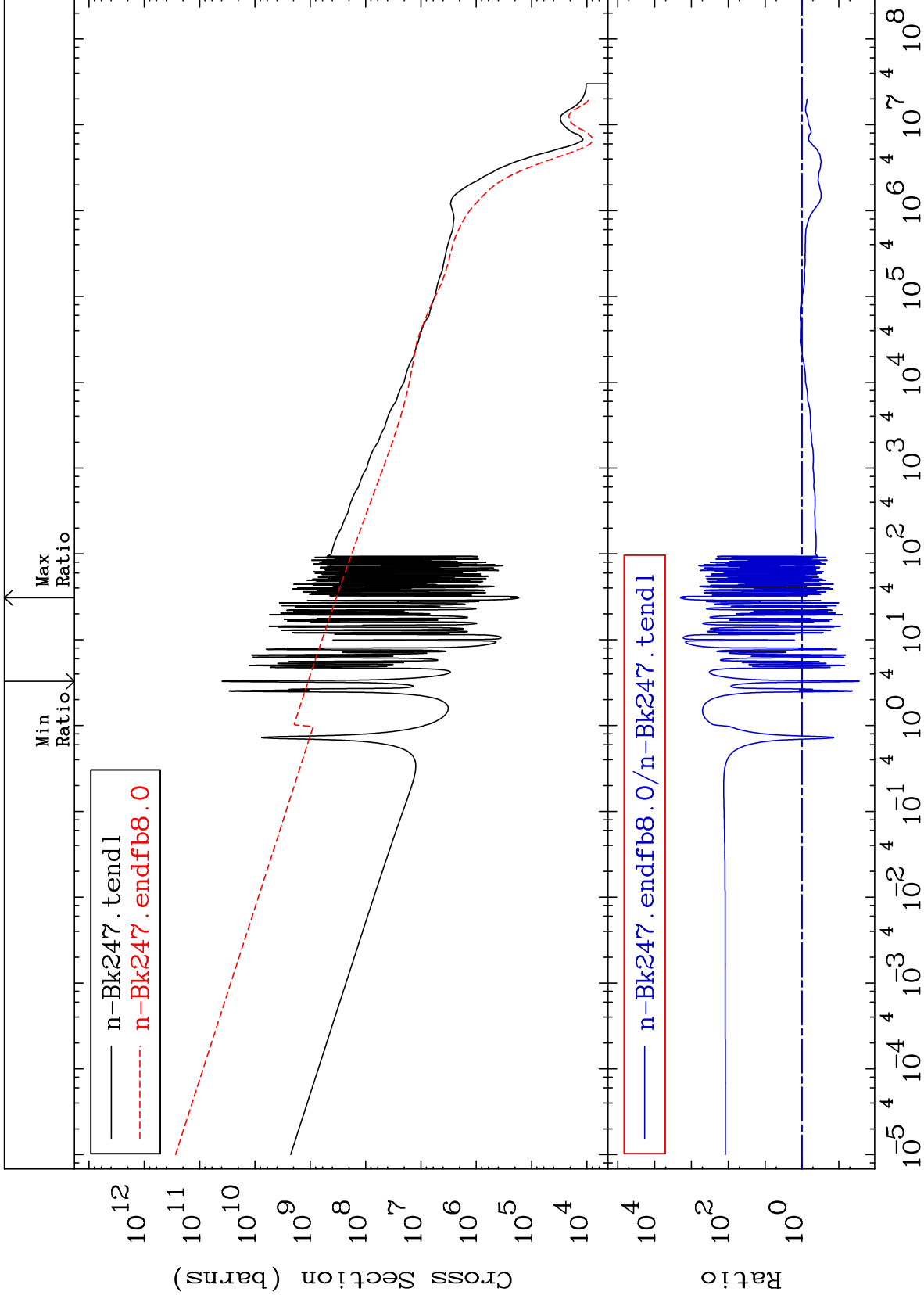


MAT 9746

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

97-Bk-247
-99.99 To 9999. %

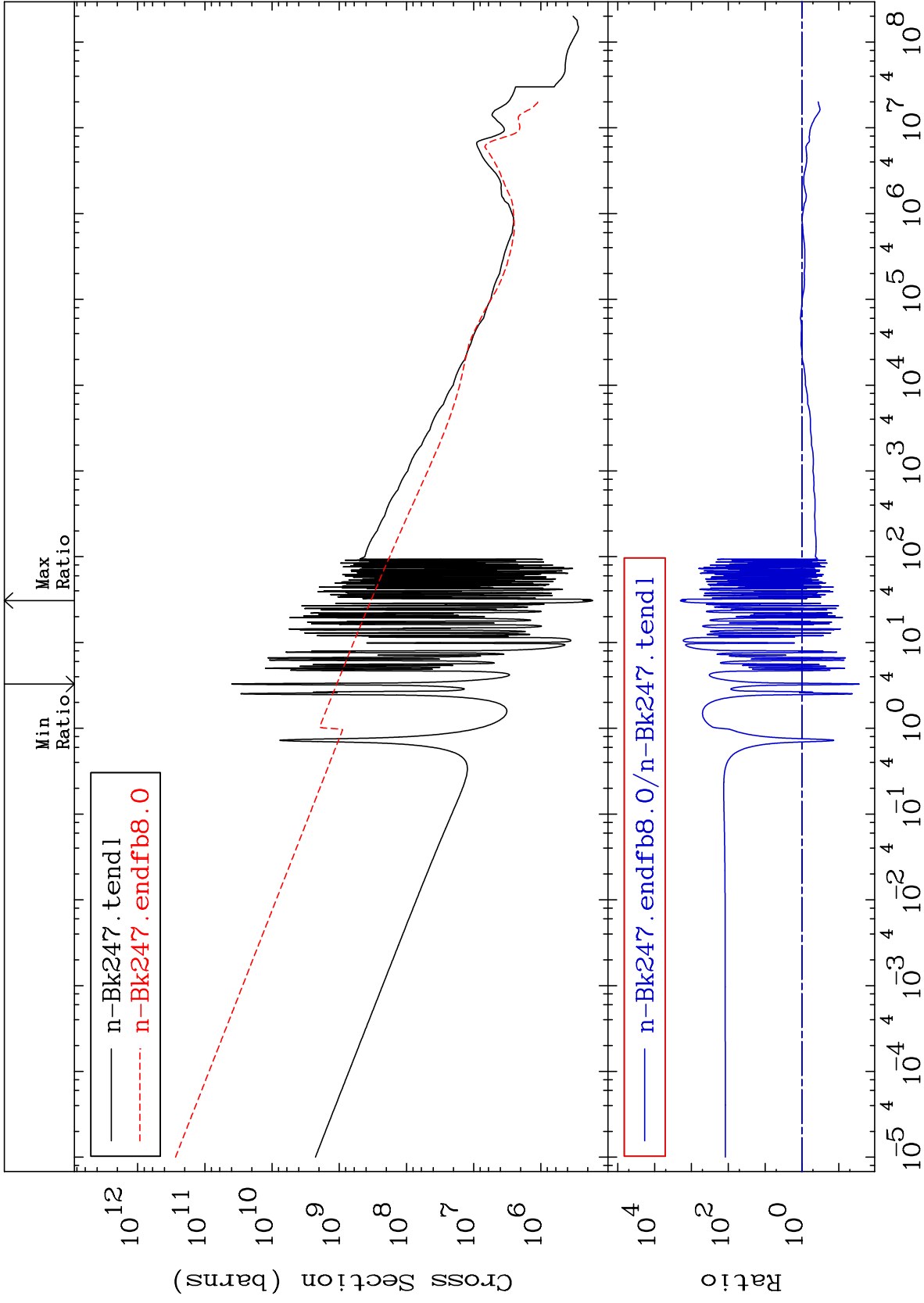




MAT 9746

Total photon (eV-barns)
Cross Section

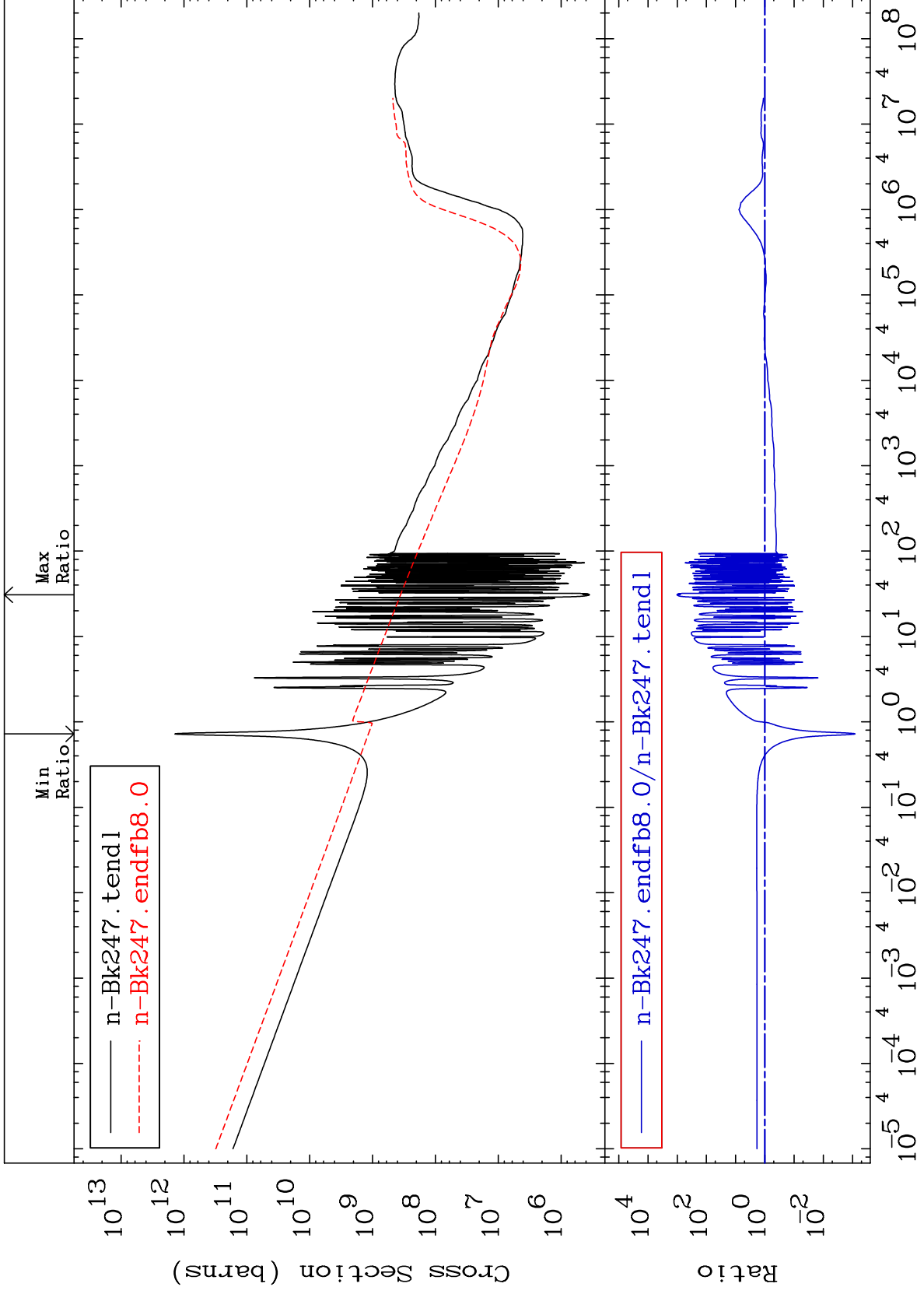
97-Bk-247
-97.25 To 9999. %

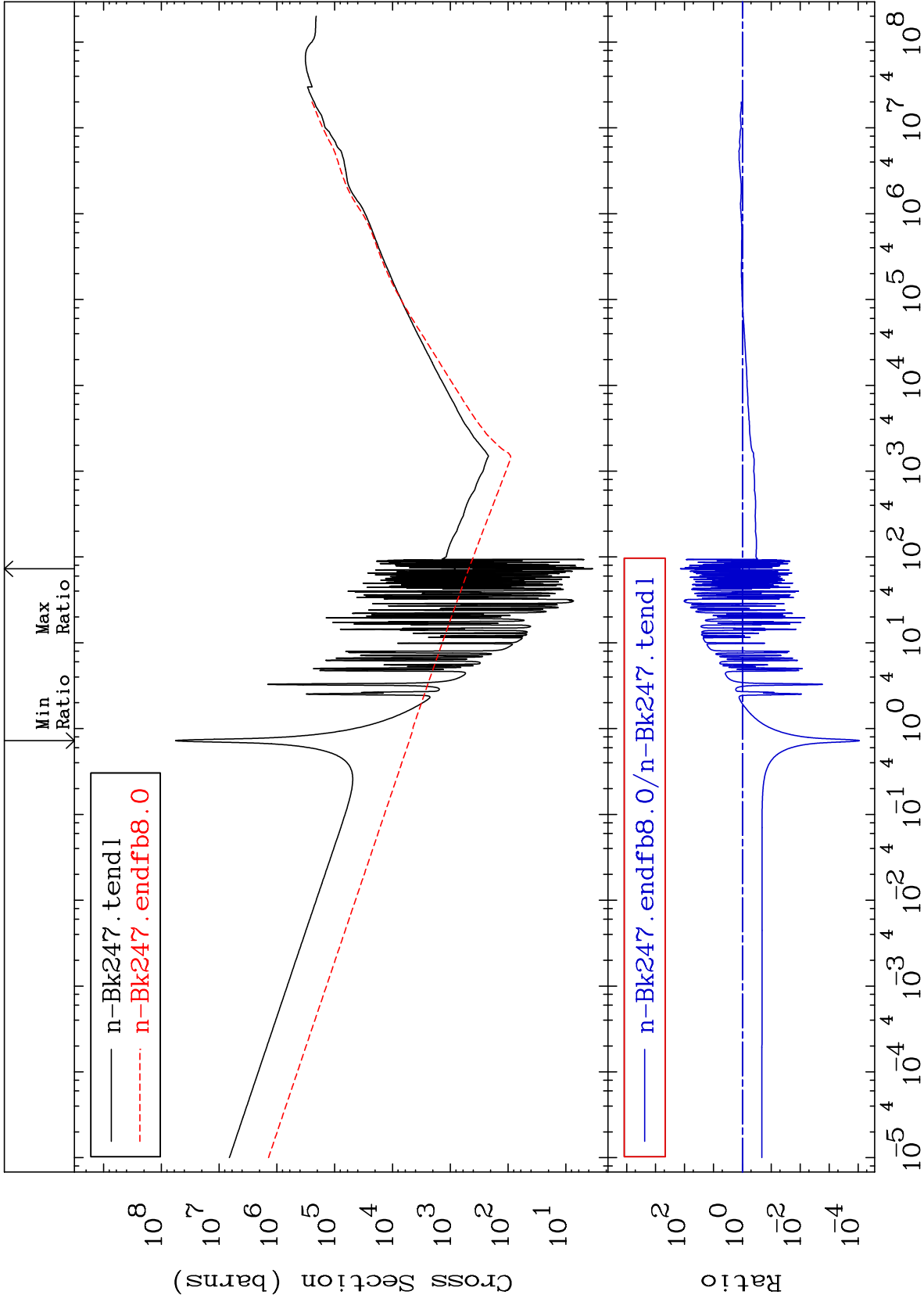


27

Incident Energy (eV)

97-Bk-247

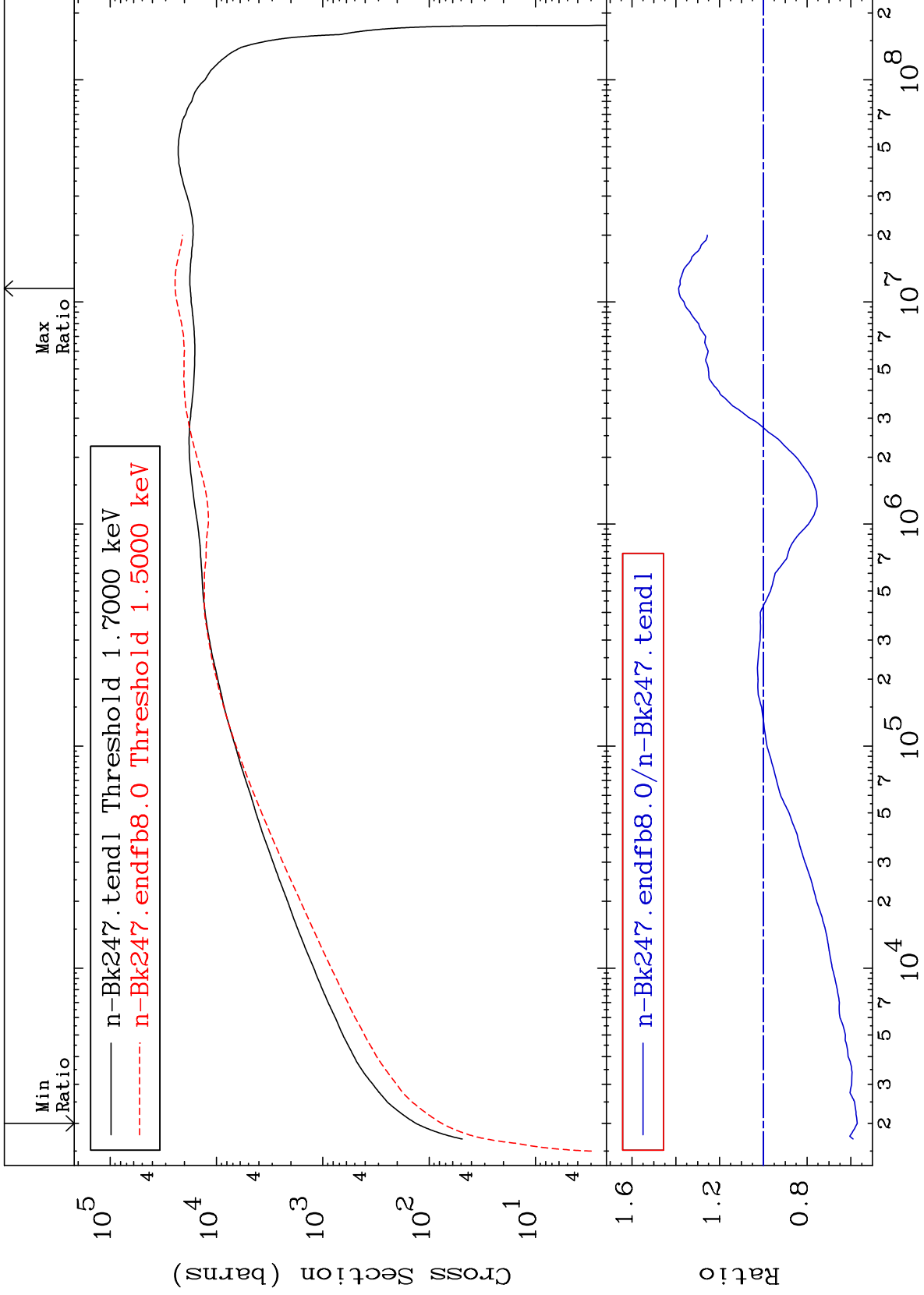




MAT 9746

Dpa elastic (mt2)
Cross Section

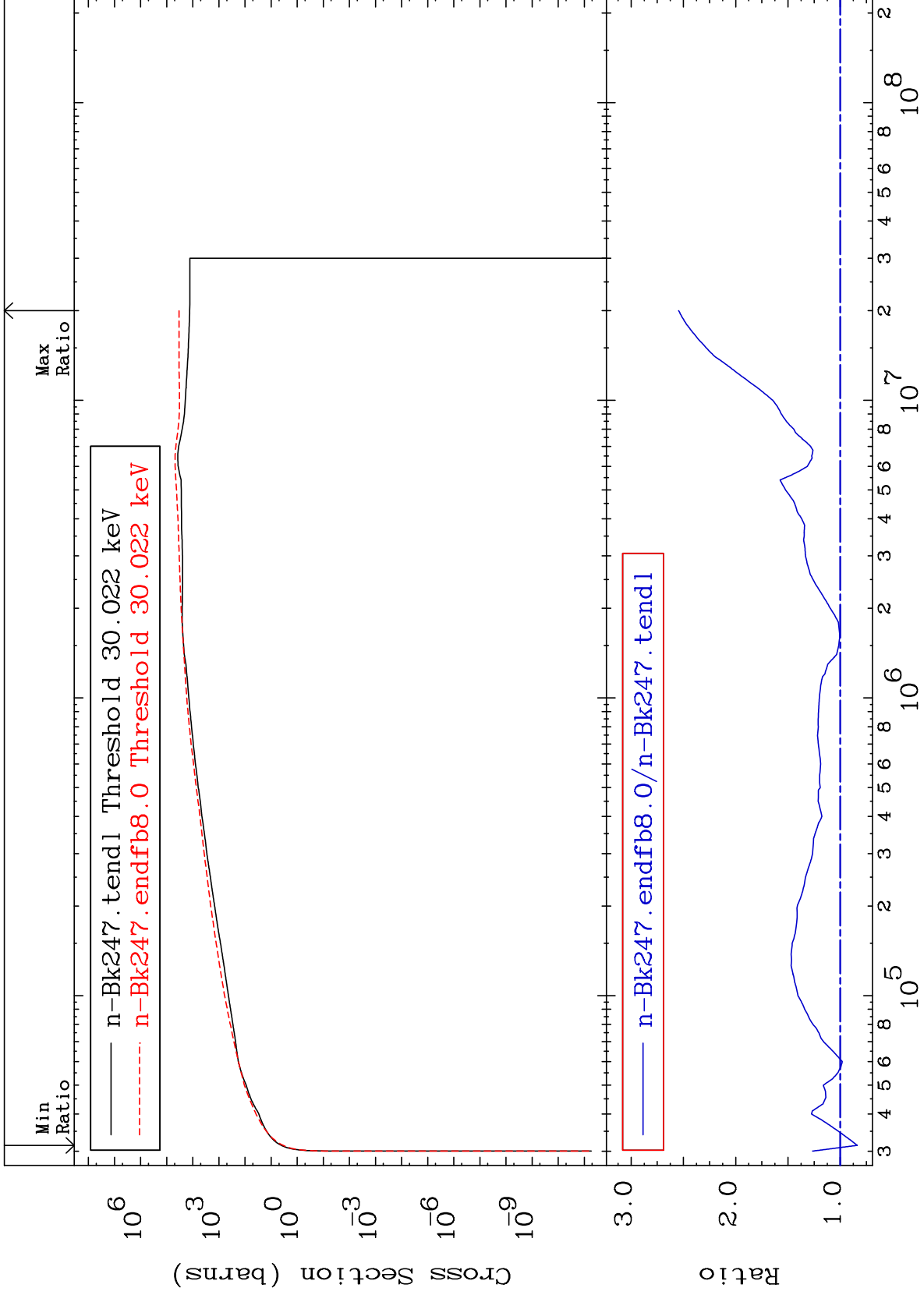
97-Bk-247
-42.93 To 38.71 %



MAT 9746

Dpa inelastic (mt51-91)
Cross Section

97-Bk-247
-16.22 To 154.6 %



MAT 9746

Dpa disappearance (mt102 -120)
Cross Section

97-Bk-247
-100.0 To 9999. %

